INDEX OF AUTHORS OR SOURCES

Numbers within brackets indicate papers not summarized.

A
Aalund, O., 654
Abate, O., 1562*
Abayomi, I., 183
Abaza, H. H., 92*
Abbadi, M., 2651*
Abbassy, A. S., 2092
Abbie, A. A., (1570)
Abdalla, R. E., 1714, 1794
Abdallah, A., 2824
Abdel-Aal, T. M., 315*
Abdel-Gawad, M. A., 2848*
Abdel Khalek, M. K., (840)*
Abdel-Moneim, W., (2287)*
Abdel Razig, M. T., 1236
Abdou, N. I., 376*
Abdulla, M. K., (1065)
Abdullahi, M. T., 185*
Abdulmawjoud, A., 1094
Abdul-Rasoul, M. S., (1905)*
Abe, H., 2034*
Abelmann, W. H., 2417
Abel-Smith, B., 1728
Abgaryan, G. P., 722*, 1012*
Abidaeva, L. V., 2040*
Abi-Yaghi, M. J., 2316*
Aboko-Cole, G. F., (2208)
Abonnenc, E., 1399, 2172*
Abou-El-Ezz, F., (2287)*
Abou-Gabal, I., 1042*
Aboulker, J. P., 1243*
Abraham, S., (1341)
Abramova, L. A., 1488*
Abreu, W. N., 2264*
Abul-Hab, J., 1905
Aceremo, L., 1769*
Achuthan, C., 1643
Acosta Tieles, N., (2909)
Acuña, R. A., 396*
Adachi, J., 574*
Adam, K. M. G., 686*, 2727*
Adam, S. E. I., 2552*, 2819*
Adams, G. A., (1971)*
Adams, J. G., (1124)
Addae, R. O., 2904*
Addae, S. K., (588), (1828)*
Addani, K., 2651
Aderele, W. I., 1864
Adhikari, P. C., (2769)*
Adolf, E. F., 219
Adonajło, A., 2075*
Adorisio, E., 274*
Adrianzen T., B., 1095
Aeschlimann, A., (645)
Agarwal, B. L., 2645
Agarwal, D. P., (1292)
Agarwal, R. C., 741*
Agarwal, R. K., 2645*
Agarwal, S. C., 2262*, 2629*
Agarwala, S. C., 1745*, (1989)*
Agarwala, S. N., 2688*
Agius-Ferrante, A., 1025
Agnihotri, M. S., 741
Agoh, B., 63*
Aguiar, J. A. S., (1113)*
Aguilar, S. A., (1321)*
Ah, H. S., 355*, 2857
Ahern, E. J., (160)
Ahern, V. N., (160)*
Ahmad, I., 2507*
Ahmed, I., 232*
Aikawa, M., (958)*, 1219*, 1436*, 1922*
Aiyedun, B. A., (50), 480
Akaike, I., 574*
Akama, K., 1507*
Akao, S., 2706
Akers, W. A., 2631
Akinyanju, O., 232
Akiyama, J., 634
Akpo, C., 2283*
Aksenova, T. A., 999
Al-Abbassy, S. N., (2704)*
Al-Abyad, S., 2376
Alami, S., 598*
Alazraki, N. P., 1376
Albach, R. A., (1742)*
Albert, J. P., 2218*, 2501
Albonico, S. M., 969*
Alcantara, A., Jr., 2214*
Alderman, M. H., 2330*
Al-Doory, Y., 221, (2945)
Alekseev, A. N., 1262
Alekseev, E. V., 1641
Alekseeva, Z. M., 222*
Alexander, E. R., 1859*, 2375*
Alexander, M., 2360
Alexander, S. D., 2167
Alfaro, E., 1233
Alford, C. A., Jr., 2124
Algauhari, A. E. I., 1772
Alge, M. H., 1850*
Alger, N. E., 1216*, 1217*, 2434*
Al-Hilali, A. M., 2611
Ali, M., 1714*
Ali, M. E. M., 341*
Ali, N., 2417*
Ali, S. R., 912
Alimov, Z. A., (2472)*
Ali Zaidi, S. T., (1836)*
Aljeboori, T. I., 1245*, 1457*
Alkalay, L., (709)*
Alkan, W. J., (709)
Allain, D. S., 1932, 2441
Allen, A. M., 1133
Allen, D. M., 2892*
Allen, H. J., 1201
Allen, R. D., 1201
Alleyne, G. A. O., 219
Allison, A. C., 620
Allison, V. F., (110)*, (1899)*
Almaz, O., (2411)*
Almeida, A. M. P., 1970*
Almeida, C. R., 1970*
Almeida, H. O., 33*
Almeida, S. P., 1938*
Alperin, J. B., 2102*
Alquezar, A. S., 2541*, 2813*
Alt, S. K., 1467*
Altaif, K. I., 1325
Altland, K., (1113)*, 2900*
Altomare, G., (798)*
Alvarado, M. J., 2589*
Alvarenga, N., 325*
Alvarenga, N. J., 463*, 2213*
Alvarez, M., 969*
Alvarez V., J. M., 331*
Amann, V. F., 1677
Amarasinghe, D. K. C., 2361*
Amato Neto, V., (527)*, 2133, 2215*, 2541*
Ambroise-Thomas, P., 758, (2063)
Ambrose, E. J., 2524
Ambrosi, M., 867*
Amedome, A., 284
Amegee, E., 284
Amelung, E., 2236*
Ament, M. E., 507
Ames, C. W., 452*
Amin, M. A., 758*, 759
Amin-Zaki, L., 162
Amirhakimi, G. H., 2877
Amirkhanian, J. D., (2998)
Amjad, H., 1584
Amla, I., (2157)
Amodu, A. A., (50)*, 480*
Amosenkova, N. I., 992*, 2468*
Amrein, Y. U., (1941)
Amsel, S., 2151, 2601
Amy, D., 2873*
Andersen, B., 286*
Anderson, J., 359*, 571, 572, 1355*, 1799*, 2860*
Anderson, K., 1021*, 1503
Anderson, M., 44
Anderson, N. L., (852)
Anderson, S. E., Jr., 2620
Andrade, A. H. P., 1383*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Andrade, C. C. Q., 526*
Andrade, L. M. C., 743*
Andrade, R. M., 327*, 1318
Andrade, S. G., (605)*, 606*, 676, 2707, 2719, 2808*
Andrade, Z. A., (605), 606, 2550, 2808, 2809
Andre, L. J., 292
Andreano, R. L., 2418*
Andresen, N., 1201
Andrews, B. J., 1047*, 1048*
Ankra-Badu, G., 1110*
Annegers, J. F., 136, 1100
Ann. Sclavo, (2928)
Ansdell, V. E., 1914
Anselmi, A., 1676
Antezana, E., 1384*
Anthony, D. W., (423)*
Antia, F. P., 585*
Antia, N. H., 2524*, 2793*
Antolics, V. M., 778*
Antunes, C. M. F., 327, 1071*, 2554
Antunes Dias, F. A., 1020*
Aoki, T., 1607
Aparicio Garrido, J., 1372, 1847, 1848
Apostolova, S., 388*
Apperson, C. S., 3002*
Apt, W., 258
Arafa, M. S., 870*
Aragão, M. B., 1887
Arambulo, P. V., III, (1557)*, 1850
Arana, R. M., 967*
Araujo, F. G., 872
Araujo, P. K., 1044*
Archer, B. G., 2487*
Archibald, W. S., 2491*
Arciello, G., 2765*
Arcilla-Latonio, A., (1630)
Ardalan, A., 124*
Ardehali, M., 1715
Ardissone, J. P., (1367)*
Ardouin, C., 2967*
Areekul, S., 956, 1191*, (1785), (2574), (2575), 2777, 2881*
Arfaa, F., 124*, 755, 796*, 824*, 1089*, (1787)*, 2028*
Argento, C. A., 2541*
Ari, J. B., 140*
Arias, B., 1298*
Arias, H. S., 254*
Ariel, B. M., 992, 2468*
Arimitsu, Y., 1507
Arjona, M. A., 2463*
Arme, C., (2033)*
Armour, J., (2307)
Armstrong, J. A., 2758*
Armstrong, R. W., 2381
Arnaiz, A., 2003*
Arnaud, J. P., 316*
Arndt, R. J., 776*
Arnold, J. D., 9, 2425*
Arnold, R. M., 62
Arora, D. D., (996)
Arroyave, G., 582*
Arroyo, P., 2331*
Arru, E., 1066
Arseculeratne, S. N., 2791*
Artemiev, M. M., 1660, 2176, 3007
Artigas, P. T., 1297*
Artus, J. C., 718
Arumnova, E. A., 1667
Arya, O. P., 2955
Arya, R. K., 2156*
Asaishi, K., 343*, 805*
Asakura, H., 2252
Asakura, T., 2345
Asami, K., 2706*
Asanuma, K., 706*, 2747, 2748*
Ash, L. R., 356, 357
Ashby, P. A., 1596*
Ashford, R. W., 193*, 485, 2738
Ashraf, M., 1688*
Ashton, C. R., 1535
Ashworth, A., 365, 841
Ashworth, T. G., 1867
Asman, S. M., (2659)
Asmar, M. F., 315*
Asp, N. G., (377)*
Aspnes, G. T., 1361*
Assaad, F. A., 1136*
Asshauer, E., 437*
Ateng, J., 406*
Atías, A., 600*
Atlas, S. A., 2908
Aubry, P., 283
Audebaud, G., 349*
Auden, D. T., 2709
Auphan, D., (71)*
Austin, B. E., (1307)*
Austin, F. G., 1312
Austin, F. J., 2753*
Aust Kettis, A., 1505
Avakjan, A. A., 698*
Avakyan, A. A., (2472)*
Awaad, S. A., (2592)*
Awoke, S., 2783*
Awopetu, J. I., (260)*
Axelsen, N. H., 1760
Ayad, N., 2289*
Ayala, M. A. R., 2739
Ayala, S. C., 1710
Ayim, E. N., 1871
Ayobe, M. H., 1595*
Azab, M., 2925
Azadeh, B., 738*
Azer, M., 2280*
Azevedo, M. C., 1134*
Azhali, M. S., (1573)*
Azhar, S., 1496, 2511
Aziz, S., 91*, 2018*, 2019*

B

Baalawy, S. S., 2023*
Babaeva, O. B., 547*
Babatunde, G. M., (2085)*
Babin, D. R., (2922)
Baca, O. G., (1960), 2477
Bacchi, C. J., 2447*
Bachmann, A., (745)*
Backhouse, T. C., 660*
Badalian, K., 66*
Badie, A., (108)
Baer, G. M., (1000)*
Baerg, D. C., 2708*
Baertl, J. M., 1095*, 1355*, 2888
Bag, J., 1487
Bagchi, S. C., (281)*
Bagga, A. S., 2638
Baglioni, C., 1118*
Bagster, I. A., 26
Bahnassy, A. F., 2810*
Bahno, M., 129*
Bai, D. H., 2168*
Bai, M. K., (1896)
Baier, E. P., 1677*
Bailenger, J., (794), 1424
Bailer, J., 1774*, 1775*
Bailey, C. H., (1186)
Bailey, G. S., (1369)*
Bailey, P. E., (2245)*
Bailly-Choumara, H., 2173*, 2655
Bajusz, E., 2417*
Baker, J. R., 31, 1676, 2192
Baker, R. H., 205*, 1178, 1179*
Baker, S. J., 378*, (380)
Bakowski, S., 2413*
Balakrishnan, D., (116)
Balasubramaniam, V., 1643*
Balayeva, N. M., 985
Balbo, T., 1562
Baldelli, R., 2142
Baldewsing, R., 542
Baldwin, R. E., 2418*
Balestrieri, G. G., 1484*, 1686*
Balina, L. M., (745)
Ballantine, T. V. N., 1428*
Balogun, R. A., 2220*
Bance, G. N., (2643)*
Bandarawatte, B. V. P. C., (663)*
Bandin, A. I., 222*
Bang, F. B., 146*, (2830)*
Banks, B. E. C., (1369)*
Banks, I. S., 2527*
Bannerman, R. M., 1584*
Bansal, M. P., 1726*
Bao, O., 1551*
Baquir, H., (99)
Barban, P. S. 1250, (2469)
Barbaro, J. F., 654
Barberi, A., 401*
Barbier, F., 1849*
Barbosa, P., (197)
Barbosa, W., 508, 604, 980, (1225), 1284*
Bardsley, J. E., 1678
Bargetzi, J. P., (2921)*
Baric, L., 1907
Barker, D. J. P., 887, 888
Barnabas, E., 670*, (2207)*
Barnes, A. M., 1005*, 2491
Barnes, J. M., 2675
Barnes, P. E., (1530)*, (1531)*
Barnes, W. D., 1699*
Barnes, W. J. S., 2480
Barnish, G., 537, 773*, 2825*
Baron, R. W., 1780
Baron, S., 595*
Barr, A. R., 916*, (1655)*
Barr, R. D., 1365*
Barrabes, A., 2822*
Barrett, M. W., 2837*
Barrett-Connor, E., 263

Barros, R. A., (527)*
Barry, M., 2112
Barsinas, M., 351*, 2061*
Barsoum, I. S., 114*, 869*, 2046*
Bartelloni, P. J., 1007
Bartholomew, C., 2358
Barton, R. P. E., 1030*, 1032, 2521
Barua, D., 3020
Baruffa, G., 483, 2214
Baruzzi, R. G., 218*
Bar-Zeev, M., 2662
Basch, P. F., (538), (2022)*, (2558), (2559)
Basile, U., (2646)
Basmy, K., 96*, 528, 2015*, 2281*, 2811*
Bass, M. A., (1102)
Bassabi, S., 615*
Bassal, T. T. M., (3018)
Bassily, S., 2289*, 2290*
Bassir, O., (833)
Basson, P. A., 871*
Bastidas, M. T., 2923*
Bastin, J. P., 177*
Basu, J., 2090*
Bate, E., 49*
Bateman, J. B., 2195
Batista, S. M., 33*
Battesti, M. R., 132*
Batth, S. S., 642
Bauer, H., 1549*
Baum, S., 589*
Baxter, E. H., 2357, 2359
Bayandina, D. G., 1545*
Baylet, R., 1973*, 2104*, 2246*, 2517*
Bayoumi, A., 2144
Bazaz-Malik, G., 1215
Beadles, M. L., (426)
Beale, G. H., 3026
Bear, D. M., 5*
Beard, T. C., 1062
Beaudoin, R. L., 1929
Beaudry-Darisme, M., 2596
Beaver, P. C., 801, (2071)
Bechelli, L. M., 510, 739, 740, 1753
Becker, R. W., 1376*
Becker, W., 531
Beckett, E. B., 909, (2859)
Beckman, B., (1268)
Becquet, R., 2284
Bedi, T. R., 2566
Bedón, C., (415)*
Beer, S. A., 547*
Beesley, J. R., 1053*
Beesley, W. N., 1678, 2402*
Befus, A. D., (2044)
Beghin, I. D., 2595
Begum, A., 2098*
Behbahani, G., 196*
Behin, R., 2464*, 3026*
Behmer, O. A., 318
Beiguelman, B., 742*, (2605)*
Beitins, I. Z., 1577
Bekhti, A., (1276)
Belehu, A., 3026*
Belkaid, M., 554*
Bell, C., 1202
Bell, C. R., 1863*
Bell, D. R., 326*
Bell, J. G., 1581
Bell, J. V., 1904
Bell, P. E., 46*
Bell, R. M. S., 530
Bell, W. R., (2907)
Bellamy, R. E., (1657)
Bellin, H. J., 180
Bellina, J. H., 2347
Bellossi, A., (2004)
Belova, T. N., 721
Belozerov, V. N., (1404)
Belsey, M. A., 60*
Belshaw, D. G. R., 1677*
Benade, A. J. S., 878*
Ben Ayed, H., 1522*
Benda, R., 499*
Ben-David, E., (2117)*
Bendezu, P., 1053*
Benediktov, I. I., 1262*
Benfante, R. J., 1877
Bengosi, K., 1709*
Benitieni-Fofana, 403*
Benkmann, H. G., (1292)*
Bennett, F. J., 1143*, 1677, 2148*
Bennett, G. F., 1401*, 2403*
Bennett, L. G., (1261)
Ben Osman, F., 981*, 1459*
Ben Rachid, M. S., 1522, 2768*
Bensabath, G., 1383*
Bensinger, T. A., 152
Ben Tamar, D., 2662*
Benyoussef, A., (2678)
Berdyev, A., (1406)
Berengo, A., 1125
Bereni, L., 2014, 2279
Beresford, O. D., 1535*
Bergel, M., 2528
Berger, J., 172, 2757*
Berger, R. S., 392, 858
Berggren, W. L., 2641, 2965
Berghout, E., 570
Berghtholdt, H. T., 2796*
Berliner, J., (1952)*
Berlyne, G. M., 140
Bernard, J. C., (515)
Bernarda, R. A. F., 2380
Bernardi, C., 178*
Beroza, M., 2397*
Berridge, M. J., 1679*
Berrios-Durán, L. A., 1300*
Berry, R. A., (2666)*
Bertazzoli, S. B., 2541*
Bertoni, G. T., 432
Bertossi, E., 2776*
Bertram, B. C. R., 467
Bertrand, E., 265, 434, 682, 971, 1451
Berzosa Aguilar, J. M., 1372*
Betancourt, M., 1351
Betney, E., 772*
Bettarello, A., 2540*, 2572*
Bettini, S., (1175)*, 1194*
Betzios, B., 1687*
Beumer, R. J., 488*, 1461*
Beutler, E., 1585
Bevan, G., 2101
Beverley, J. K. A., 176*, 2925*
Bhagavan, B. S., 180*
Bhagwandeen, S. B., 764, 1613
Bhalla, S. C., 198
Bhamarapravati, N., 1205, 1920*, (2481)*
Bhandarkar, L. D., 1778
Bharadwaj, T. P., 703
Bhaskaran, K., 64
Bhat, H. R., 893*
Bhatt, I. N., 2337*
Bhatt, P. N., 1002*
Bhattacharjee, A. K., 1730
Bhattacharya, G., 1735
Bhattacharya, N. C., 350
Bhattacharya, S. K., 85
Bhattacharyya, F. K., 2772
Bhuangprakone, S., 1191
Bhutani, L. K., 2526*, 2566*
Bhuyan, U. N., (143)
Biagi, F., 2632
Bianchi Bullini, A. P., (1171)*, 2656*
Bickers, J. N., 2347*
Bidlingmayer, W. L., (1158)
Bidwai, A. G., (996)*
Bieler, E. U., 1275
Biggs, J. C., 660*
Bigler, W. J., 1258
Biguet, J., 1304*, (2137)*
Bijlenga, G., 713
Bijlsma, F., 1386, 2150
Biles, J. E., 757
Billson, F. A., 409*
Bina, J. C., 1425*
Binford, C. H., 2008*
Biocca, E., 806*, 1074*
Birjukova, M. T., 2671*
Biroum-Noerjasin, 3026*
Bisseru, B., 2362
Biswas, H., 1520, 1749
Bittencourt, A. L., 676*
Björnesjö, K. B., 1098, 1810
Blachman, U., 2502
Black, R. H., 435
Blackwell, R. Q., (1366), 2352, (2618)*
Blair, D. M., 1770, 2541*
Blanch, A. P., 2184*
Blanes, A., 1064*
Blankenship, R., 1954*
Blendis, L. M., 2609
Blom, K., 1752
Blumbergs, P., 1698*
Bluming, A. Z., 614
Blundell, G., (2915)*
Blundell-Hasell, S. K., (2055)
Boche, R., 149*, 2479
Boehmwald, H., 623*
Boerrigter, F. G. G., 2946*
Boese, J. L., 984, 2466*
Boffa, G. A., (391)
Boffa, M. C., (391)*
Bögel, K., 2465*
Bohrer, S. P., 616
Boike, A. H., Jr., 1181*
Boiso, J. F., (674), 2437*
Boisson, M. E., 2002*
Bolaños, R., (2918)*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Bollinger, R. O., (1844)
Bon, A. M. X., 2334*
Bonde, G., 2773*
Bonfim, J. R. A., 2541*
Bonin, W., 1665
Bonnici, E., 1025*
Bono, O., 763*
Booden, T., 17, 666
Boonpucknavig, S., 1205*, 1920
Boonpucknavig, V., 1205*
Boonyakanist, A., (1645)*
Boosey, C. M., 1914*
Bootello, A., 2003*
Bopp, C., 178
Borahima, 1689*
Boraud, P., 2001*
Boreham, P. F. L., 419, 467*, 1449
Borg, O. A., 804
Borgers, M., 2079*
Borges, D. R., 324*
Bořkovec, A. B., 923*, 2405*
Boros, D. L., (783)
Borthwick, P. W., (3004)*
Bortoletti, G., (551)
Bose, D. P., 1347
Bose, S. L., 2100*
Bosmans, J., 2625
Boss, J. M., (2562)
Bostandzhyan, M. G., 671
Bosworth, W., 818, 914
Botero R., D., 2781
Botes, D. P., (1370)*
Botha, J. B. C., 2149*
Bothwell, T. H., 1360*, 2082*
Botros, B. A. M., 114, 869, 2046*
Botting, H. G., (2970)*
Bouckaert, A., (1685)
Bouday, E., (1866)*
Bouloux, C., 2516*
Boulton, F. E., 1591*
Bourdin, M., 1970*
Bouree, P., 1559*
Bourgarel, J., 2014*, 2279*
Bourgeade, A., 997*, 1014*
Bourgeois, J. G., 2560*
Bourillet, F., (2121)*
Bourland, J., 2966*
Bourre, A. L., (1912)
Bourrel, P., (2145)
Boutet, M., 2417*
Bouvet, C., 2127*, 2128*, 2130*
Bouzakoura, C., 2237
Bóveda, I. C., 1372*, 1847*
Bovee, E. C., 1201
Bowden, M. R., (1812)*
Bowdler, A. J., 2609*
Bowie, M. D., 882*
Bowman, I. B. R., 1676
Bowman, K., (1590)*
Bowman, M. C., 927, 2392*
Boyd, J., 266
Boyd, S. T., 2327*
Boyle, J. M., (1270)
Boyt, W. P., 2722*
Bozděch, V., 2621
Bozóti, M. M., 307
Bracken, P. M., 2417*
Bradbury, W. C., 1401
Bradfield, R. B., 1353, (1816)
Bradley-Moore, A., 881*
Brady, J., 978, 1447, 1679
Brahmadathan, K. N., 1265*
Branagan, D., (211)
Brand, P. W., 2795*
Brandão Federman, H., 2225*
Brandriss, M. W., 2799*
Brandt, P. C., 2541*
Brasel, J. A., 219*
Brasil, R. P., 2737
Brassinne, A., (1276)*
Bratanowa, W., 723*
Bratton, J. L., 1954*
Braude, A. I., 263*
Braun-Munzinger, R., 812*
Bray, J., 818*
Bray, M. A., 485*
Bray, R. S., 193*, 485*, 1460*, 1676, 2733, 2738*
Braziliano, C. J. C., 324*
Bregant, S., 177
Bremner, A. D., 1128*
Brener, Z., 673, 2213
Brengues, J., 2163*
Brent, M. M., 1991*
Brezina, R., (498)*, 2465, 2467*, 2475
Briesch, P. E., 950*, 2427*
Briggs, Maxine, 662*
Briggs, Michael, 662
Brink, S., (2353)
Brinkmann, U. K., (819), 2066
Brinton, L. P., (1407)
Brito, E., 319*
Brito, T., 2944*
Broad, A. J., 1835*
Brockbank, A., 2052*
Brodine, C. E., 2343*, 2344*
Brody, J., 428*
Brooke, J. P., 2399
Brooke, O. G., 1350, 2889*
Brooker, B. E., 476*
Broor, S. L., 2514*
Brown, A. W. A., 1682
Brown, F., (714)*
Brown, K. G. E., 2946
Brown, K. N., 1925, 2195, 3026
Brown, M. C., 326
Brown, R. C., 2728
Browne, R. E., (2087)
Browne, S. G., (1755), (1997), 2522
Brubaker, G., 613
Brubaker, R. R., (2242)*
Bruce-Chwatt, L. J., 13, 1432, 1678, 2195, 2414, 2420, 2676
Bruce-Tagoe, A. A., (586)*
Bruckner, D. A., (2021), 2818
Brumpt, L. C., 120, 129*, 352
Brumpt, V., 349*
Brun, R., 694*
Brunhes, J., 810, 1182
Brust, R. A., 1654*, 2985
Bryant, J. H., 430
Bryceson, A. D. M., 653, 1460
Brygoo, E. R., 278, 1723
Brys, R., 1849
Buchatsky, L. P., 2164*
Buck, A. A., 568
Bücken, E. W., 437
Buckler, C. E., 242*
Budanova, I. S., 1545*
Budde, E., 601*
Bueding, E., 2560*
Buetow, D. E., 1201
Bull. N.Y. Acad. Med., 2124
Bull. Wld Hlth Org., 299
Bullini, L., (1171), 2656
Bullock, W. E., 1290, 2799
Bunn, H. F., (1115)*
Bunnag, D., 2777*
Bunnag, T., 1056*
Bunthrarungroj, T., 2107*
Buogo, A., 2765*
Burchfield, H. P., 2008*
Burden, G. S., 2397*
Burgdorfer, W., (456), (1407)*, 1466
Burger, F. J., 1579
Burgess, A. P., 1677*, 2189*
Burgess, B. J., 2594
Burgess, H. J. L., 1677, 2189*
Burgess, N. R. H., 2184
Burgos, H., 312
Burke, G., 2569*
Burke, J. A. M. E., 1709
Burke, J. F., 2417*
Burnett, J. W., 1600
Burns, R. J., 1968*
Burridge, M. J., 192
Burrows, W., 3020*
Bursell, E., 2723
Burston, T. O., 2843*
Burt, J. S., (1073)*
Burton, G. J., 1868*
Busilă, V. T., 2077
Butler, T., 661, 1006
Büttner, D. W., 1634*
Buzzell, G. R., (1536)
Bykhovskaya, A. M., 2040*

C

Cabasso, V. J., 1720, 1965
Cabral, H. R., 2720
Cabrera, B. D., 790, 813, (814)*, (1557), 1776, 1850*, 2029*
Cabrera,. E A., (1321)*
Cabrera, E. J., 1217
Cabrera M. G., 2029
Cagampang-Ramos, A., 1884*
Cahill, K. M., 2124
Calamai, G., 2047
Caldera, M. A., 459*
Calderón, C., 400, 600
Calderón, M. S., (1838)*
Calegari-Costa, A. M., 2711*, 2313*
Calheiros, L. B., (1471)*
Callaway, C. S., 1992*
Callerame, M. L., 1290*
Calloway, D. H., 2332
Calton, G. J., 1600*
Camargo, E. E., (2803)
Camargo, M. E., 32, 1060*
Cameron, H. M., 188, 1128
Cameron, I. L., 1201*
Camp, R. R., (1504)

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Campbell, C. H., 660
Campbell, J. A., 470*
Campbell, R. S. F., (2654)*
Campbell, W. R., 2396*
Campelli, A., 860*
Campos, E., 2491*
Campos, M. E., 1467
Cançado, J. R., 1933
Cancrini, G., 904*, (1165)*, (1171)*, 2656*, (2657)*
Candiolo, B., 967*
Canfield, C. J., 12
Canguilhem, B., 329*
Canning, E. U., 23, (1187), 2308
Cano, M., 2781*
Cantey, J. R., 1480
Caparros, J. A., 2580*
Capponi, M., 496
Cappuccinelli, P., 827, 828
Capron, A., 1053*
Carbone, P. P., 614*
Cardama, J. E., (745)*
Carlisle, R., 2417, (2646)*
Carmen Velasco, M., 731*
Carmichael, G. T., 658*
Carneiro, T. A., (1811)
Carney, W. P., 1771*
Carnus, H., 2277*
Carosi, G., (728)*, (729)*, (1984)*, 2258*, 2259*, (2260)*
Caroutsos, K., 2612*
Carpenter, R. G., 1944*
Carroll, D., (2087)*
Carroll, D. F., 2401*
Carroll, R. G., 2758*
Carswell, J. W., 888*
Carswell, W., 1615*
Carter, R., 947
Carteron, B., 718
Cartrett, M. L., (1308)*
Carvalho, A., 1973
Carvalho, A. L. M., (43)
Carvalho, B. J., 2866*
Carvalho, J. A. M., 255
Carvalho, J. F., 1309*, 1310*, 1317*
Cavalho, M. L., 676*
Carvalho, O. S., 1318*
Casey, R., (1834)*, 2913*
Cash, R. A., (2253), 3020*
Casper, A. G. T., 1493*
Casper, E. A., 2483*
Castaldi, G., 2911*
Castaneda, B. F., 452*
Castle, W. M., 1139*
Castro, B. G., Jr., 526
Castro, C. R., 1818*
Castro, G. A., (826), 1550*
Castro, H. N., 2291
Castro, M. B., (1277)*
Castro, O., 1827, 2903
Castro Lima, J. T., (98)*
Caulfield, J. B., 2417*
Cavalcante, A., 247*
Cavanaugh, D. C., 1007*, 2763
Cavier, R., 1452*
Cavill, R. H., 261
Cellesi, C., 401*
Cent. Afr. J. Med., 1770
Centurier, H., 397*
Cerami, A., 2110*, 2348*
Cereijido, M., (2833)*
Cernichiari, E., 2106*
Černý, V., (1894)*, 3016
Cerulli, L., (1862)*
Ceruzzi-Romeo, O., 2313
Červa, L., 75, 2267
Cetto, G. L., 2607*
Cézar, P. C., (2605)
Chabbert, Y. A., (1010)*
Chadli, A., 981*, 1513*
Chaia, G., 121
Chaicumpa, W., 1491
Chaki, S., 2090*
Chakravorty, A. K., 2640
Challier, A., 1235, 2222
Chalmers, G. A., 2837
Chambers, G. V., 2391*
Chamma, L. G., 1131*
Chamone, D. A. F., 2541*, 2813*
Chan, H. L., (1338)*
Chan, T. K., (171)*, 1820
Chanalet, G., 1473*
Chanda, P. K., (726)*
Chandra, H., 1908*
Chandra, M. R., 2415*
Chandra, R., 562*, 2062*, 2851*
Chandra, R. K., 2593, (2968)*
Chandra, S., 562*, 2851
Chandrahas, R. K., (1724)
Chandrapanond, A., 1349
Chang, H., 2342
Chang, K. C., 90
Chang, S., 1500
Chang, S. C., 923
Chaniotis, B. N., 632*, (2668), 3010
Chantachum, Y., 956*, 2777*
Chapadeiro, E., 33*, 966*
Chapman, H. C., (418), (1163)
Chapman, R. L. K., 482
Chapman, W. G., 1477
Chapman, W. L., Jr., 464*
Chapman-Andresen, C., 1201
Chappell, L. H., (795), 2285
Chapuis, Y., 965
Charache, S., 2109*, (2907)*
Charles, P., 2195*
Charlton, R. W., 1360*, 2082*
Charmot, G., 292*, 2967
Charneca, M. M., (2493)*
Charoenlarp, P., 4
Charters, A. D., 2201
Chase, H. P., (1103)*
Chastel, C., 835*
Chatman, V. B., 2355
Chatterjea, J. B., (847)*
Chatterjee, A. K., 73
Chatterjee, B. C., 1465*
Chatterjee, G. C., 1735*
Chatterjee, K. D., 3021
Chatterjee, P. K., 1271, 1272
Chatterjee, S. N., 725, (726)*, (2769)
Chaudhuri, C. R., (2769)*
Chaudhuri, R. N., 3020
Chaulawala, R., 2000*
Chauvet, G., 1164
Chavarría, A. P., 1040
Chaves, A., 768*, 2541*
Chaves, A. D., 1566*
Chaves, G. M., 1798*
Chaves, N., 218
Chaves-Carballo, E., 1214*
Chávez, A., 2879*
Chawla, L. S., 2514*
Cheah, J. S., 550
Cheetham, B. L., 782*
Chen, D. H., 233*, 1434*
Chen, E. R., 1072*
Chen, L. C., 935, 1493
Chen, P. C. Y., 213
Chen, S. N., 123, 175*, 868*, 1555*
Chen, W. F., 2470*
Cheng, T. C., 776, 1314*
Cheong, W., 2663*
Cherid, A., 1127*
Chernin, E., 778, 817*, 1082*, 1526*, (1773)
Chernyaeva, A. I., 1545*
Chew, L. H., 2779*
Cheymol, J., (2121)
Chhaparwal, B. C., 2964
Chhetri, M. K., 2090
Chhuttani, P. N., 2262*, 2514*, 2778*
Chiang, P. K., 2560
Chiari, C. A., 268, 458*, 492
Chiari, E., 463, 2213*, 2439, 2440
Chien, J. G., 1853*
Chigirik, E. D., 2671
Chin, W., 5, 6, 951, 1690*
Chindavanig. S., (593)
Chinel, L. V., 983*
Chinzei, H., 2118*
Chiou, C. Y., (169)*
Chirescu, N. (2254)
Chi-T'ao, T., 549
Chitiyo, M. E., 2890*
Chitkara, N. L., 2262*, 2506*, 2622*
Chiu, J. K., 90*, 2305
Cho, S. Y., (2039)
Cho, Y. J., (2060)*
Choi, W. Y., 2036*
Chomel, J. J., 1264*
Chopra, S. K., (2968)*
Chou, S. C., 1433*, 1696*, 2694*
Choudhry, A. W., 2293*
Choudhury, A., 481
Chow, C. Y., 1077, 1155
Chowchuvech, E., 595*
Chowdry, P., 2363*
Christ, W., (2354)*
Christensen, H. A., 488*, 489, 1461
Christian, C. L., 1608*
Christian, E. C., 2782
Christie, J. D., (2295), (2296)
Christophers, R., 941
Christy, N. P., 165*, 166*
Chu, J. K., (2060)
Chu, K. Y., 2028*
Chukwuemeka, A. C., 2417*
Church, M. A. 1677

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Churdboonchart, V., (2481)
Chutanondh, R., 746*
Chuttani, H. K., 2337*, 2590*
Chye, C. T., 1252*
Ciba Foundation Symposium, 1676
Cicchini, T., (2209)
Činátl, J., 499*
Cioffi, R., 1824*
Cioli, D., 1525
Cirera, P., 2516
Ciufecu, C., (2254)*
Cividalli, G., (1364)
Claassens, J. W., (581)
Clark, P. H., 927*, 928*, 1263*, 1895
Clarke, D. C., 2899*
Clarke, M. D., 89, 309, 1771
Clarke, V. de V., 773*, 1770, 2541
Clay, T., 1637
Cleave, J. H., 1677
Clegg, J. A., 620, 3026
Clegg, J. B., (1122)*, 1832*, 2351, (2606)*, 2612
Clerc, M., 63, 682
Clifford, C. M., 708*, 2483*
Cline, B. L., 520*
Cline, M. J., 1289*
Closs, O., 1760*, 2010, 2131*
Clyde, D. F., 8, 11, 229, 447, 949, 1691, 2693*
Co, D.Y.C.L., (2882)*
Coatney, G. R., 950*
Cochran, A. J., 885
Coelho, P. M. Z., 327*, 536*
Cogan, B. H., 1637
Cohen, A. H., 1288*
Cohen, J., (1485)*
Cohen, S., 2195, 3026
Cole, A. C. E., 2597*
Cole, M. M., 927*, 928, 1263*, 1895*
Colebatch, J. H., 2113*
Coles, G. C., (534), 777
Colichón, H., (415)
Colley, D. G., 2551
Colli, C. W., (1324), 1777*
Collier, L. H., 1860*
Collins, M. S., (2939)
Collins, R. C., 1800
Collins, W. E., 21*, 225*, 454*, 950*, 1213, 1214, 1690, (1926), 2428, 2429, 2430, 2696
Collins, W. J., (1193)*, 2669
Collomb, H., 1620
Colombo, B., (2901)*
Coltorti, E. A., 117*
Coluzzi, M., 904, (1165), (1171)*, (2657)
Colwell, E. J., 5*
Coly, D., 2510*
Combescot, C., 2822
Conceição, E. L., 1177*
Conklin, K. A., 1433
Connor, D. H., (1548)*, 2323*, 2382*, 2966*
Conomy, J. P., 1476*
Conrad, M. E., 152*, 163*, 1586*
Contacos, P. G., 454*, 950, 1213*, 1690*, (1926)*, 2427*, 2428*, 2430*, 2696*
Conte, V. P., 2572
Contopolou-Griva, I., 2612*
Contreras, M. C., 457*, 2832
Convit, J., 1676, 2525, 2530
Conway, F., 858*
Cook, Sir Albert, 1417
Cook, G. C., (377), 2885, 2886, (3004)*
Cook, J A., 322
Cook, J. D., (2329)
Cooke, R. A., 290
Coombs, G. H., 2195
Cooney, J. C., 1466, (1648)
Cooper, A. C. D., 405
Cooper, M. R., 590
Co-operative Research Team on Chemotherapy of Leprosy among National Leprosaria in Japan, (2523)
Cooperberg, A. A., 2340*
Coovadia, H. M., 2594*
Copeman, D. B., (2654)*
Coppage, D. L., (3004)*
Corbet, P. S., (1657)*
Corbet, S. A., 772
Corbett, J. R., 3027
Corcino, J. J., 379, 584*, 1583*, (2880)*
Cordano, A., 1355*
Cordero del Campillo, J., (594)
Cordero-Moreno, R., (1061)
Cornet, M., (1174), 1468*
Corradetti, A., 961, 1222
Corrêa, F. M. A., 38*
Correa, M. A., 3010*
Corrêa, R. R., 247
Cortes, A., 79*
Cortina Greus, P., 113
Cory, J., 2231
Cossio, P. M., 967
Costa, C. A., 2225*
Costa, D., Jr., 1383*
Costa, F. A. B., 2572*
Costa, F. M., 2332*
Costa, H. M. A., 2314*
Costa, J. O., 39
Costa, M. J., 1232
Costa Sobrinho, V. M., 558
Cotrim, M. D., (1398)*
Cottam, G. L., 2350*
Cotter, M. V., (826)*
Coudert, J., 132
Coulanges, P., (1616)
Coulaud, J. P., 2423*
Coulter, A. R., 1835
Coultrip, R. L., 53
Coup, A. J., 176*
Couprie, B., 2126*
Coura, J. R., 2541
Cournil, C., 2949*
Courtois, C. M., (1173)*
Cousserans, J., (2165)*, 2983
Coutinho, A., 2541
Couvreur, J., 2124*, 2125*
Couzineau, P., 1559
Cowan, D. H., 151*
Coward, D. G., (144)*
Cox, F. E. G., 960
Cox, H. W., (621)*
Cox, J. N., 2237*
Coz, J., 897, 898, 899
Craig, W., (2767)
Crane, G. G., 2153
Cranfield, R., (2700)
Crans, W. J., 1078
Cranston, L., 1878*
Cravioto, J., 1351*
Crawford, C. L., 2532
Creemers, P. C., 465
Crespo, R. F., 1968
Crevenna, P. B., 731
Crick, J., (714), 1477*
Crocker, J. F. S., 2158
Croset, H., 699*, 700*, 979*, 981*, 1243*, (2165)*, (2171)*, 2172, 2173*, 2458*
Cross, G. A. M., 685
Cross, J. H., 561*, 1689*, 1692, 1771*, 1846*, 1853*, 2470*, (2561)*, 2564*
Crosskey, R. W., 656, 1637
Cruickshank, J. G., (2767)*
Cruickshank, R., 1421
Crum, G. E., 2672
Cruz, E. F., 2003*
Cruz, H. N., (681)*
Cruz de Sosa, L., 731*
Cruz Ferreira, F. S., 2573
Csapo, Z., 2417*
Csóka, R., 2937
Cuatrecasas, P., 1266, (1490)*
Cuba, C. A. C., 2216, 2217
Cubillos, E., 1323*
Cuéllar, C. B., 1389
Cuisinier, J. C., 1854*
Cullity, G. J., 1534*
Cunha, J. T., 247*
Cunningham, D. G., (2160)
Cunningham, I., 1446
Cupp, E. W., 202
Currier, R. W., II., 109
Curry, A., 1210*
Curtis, A. S. G., 620
Curtis, C. F., 46, 2994*, 2995*, 2997*, 3000*
Curtis, J., 2526*
Cury, P., 483*
Cutting, W. A. M., 1352
Cvjetanović, B., 3020
Cypess, R. H., 1340, 1567*, (1789), (2328), (2871)*
Czerwinski, A. W., 952*

D

D'Agata, A., 2226*
Dahlqvist, A., (377)*
Dahm, L., 2350*
Dajani, R. M., (2411)*
D'Alessandro, A., 2715
Dallas, A. B. C., 2023*
D'Almeida, J. J., 284
Daltabuit, M., 2331*
Dalvi, H. G., 585*
Dame, D. A., 2392*

Damm, D., 1943*
Daniel, M., (1894)*, 3016*
Daniels, E. W., 1201
Daniels, F., Jr., 2644*
Danilov, V. N., (1651)
Danis, M., 316*
Dao L., L., 164
Daoud, E. H., 2958*
Dar, F. K., 478*, 479
D'Arbela, P. G., 2417
Dargie, J. D., (2307)*
Darley, S., 1354*
Darsie, R. F., 1884
Darwazeh, H. A., 2664, 2977*
Darwish, M. A., 853*, 2356*
Das, M., (1510)
Das, S. R., 1745*, 1747, (1989)*
Dasgupta, A., 1017
Dasgupta, L. R., 2629
Dastidar, P. G., 1735*
Dastur, D. K., 514
Datta, B. N., (1865)*
Datta, D. V., 2778
Davey, K. G., (472)*, 2453*, 2725*, (2726)*
Davey, T. F., 1030, 1999, (2785)
David, S. S., (2947)
David-Chausse, J., 2001*
Davidson, G., 1390, 3023
Davies, A. J. S., 1454*, (2094)*
Davies, A. M., (1485)*
Davies, C. T. M., 381, (831), 832, (2080), 2876
Davies, D. M., 2177*
Davies, D. R., 957*, 2154*
Davies, J. N. P., 1417
Davies, L., 641
Davis, J. R., 106*
Davis, R., (227)
Davis, R. E., 2201*
Dawes, B., 1678
Dawkins, C. C., (209)*
Dayan, A. D., 2384*
Dean, A. G., 1385, 2379*
Dean, D. A., 105
Deane, L. M., 234, 235*, (1702)
Deane, M. P., 602*, 1229*, 2436, (2705)
Debbie, J. G., 1967
De Carneri, I., 821, 1801*, (1984)*, 2258*, 2259* (2260)*, 3022
Dechairo, D., 190*
De Coronel, V., 1296*
Decroocq, J., 2284*
Dedet, J. P., 699*, 700*, 981, 1459
Deelder, A. M., 2288
DeFoliart, G. R., (2986)*
De Furia, F. G., 2110*
Degrémont, A. A., 1046
Deiana, S., 1066*
Deighton, J. M., 2663
Deindl, G., (2731)*
Deinhardt, F., 2383*
De Jonckheere, J., 293*, 1990*
Dejong, C., 1394*
De Kruijf, H. A. M., 1161
De la Iglesia, F. A., 680*
De Lalla, F., 1125*
De la Roca, J. M., 1351*
De la Torre, M., 67*
De la Torre, P. G., (1330)*
Delbrück, H., (1292)*
De Lecubarri, R., 554
Deledda, R., 2610
Delektorsky, V. V., 2459*
De Leon, W., 2029*
Delfinado, M. D., 656
Delgado y Garnica, R., 2632*
Delmont, J., (1367)
De Lorenzo, F., 1484, 2765
Delprat, J., 2760
Delpy, P., 763
Del Valle, R., 2580*
Delville, J., 787*
Demaeyer, E. M., (2094)*
De Matteis, M. C., 2607*
Dembele, M., 1043
De Medeiros, D., 2246*
DeMilo, A. B., 2405
Demshina, S. V., 547*
DeNardo, G. L., 383*
DeNardo, S. J., 383*
Dendaki-Svolaki, K., (849)*
Denham, D. A., 2065*, 2856*
Denise, G., 1014*
Denoix, C., 1521*
De Nollin, S., 1091, 2079
Dentschev, W., 723
Deo, M. G., (1140)*
Depasquale, G., 1025*
De Preziozi, V., (2115)*
De Quadros, C. A., 2143
De Raadt, P., 1676
Derblom, H., 1291*
Dergacheva, T. I., 3006
De Rosa, F., (797), (798), 1544
De Rosas, J. M., 1226*
Derrick, E. H., 990
De Rycke, P. H., 118, 2834*
Desai, H. G., 585
Desai, I. D., (2099)
Desai, P., 2341*
De Schryver, A., (2152)
Deshields, E., 109*
Desmarchelier, J. M., 1656
Desmonts, G., 2124, 2125
Desowitz, R. S., 560, 2853
Despeignes, J., 132*
Despommier, D., 1090, 1804
Destombes, P., 1377*
Devay, O., 2571
De Ville de Goyet, C., 1621
Devlin, R. F., 2442*
De Vos, V., 871*
De Vries, A., (170)*, (2117)*
De Vries, A. W., (2178)*
DeWitt, W. E., (2245)*
Dey, A. S., (2701)
De Zulueta, J., 443, 1203
Dhanda, V., 893*
Dharmalingam, S. K., 2381*
Dhatt, P. S., 2156
Dhiver, F., 2240*
Dhople, A. M., 1768
Dialio, A. O., 2627*
Diallo, J., 615
Diallo, S., 2282
Diantete, N. L., 1709*
Dias, E. P., 101*, 2541*, 2554*
Dias, L. B., 1134
Dias, L. C. S., 1316*, 2541*
Diaz, A. M., (1000)
Díaz, M., 258*
Díaz, R., 1351*
Díaz, S., 258*, 600*
Dickson, L. G., 2343*, 2344*
DiConza, J. J., (538)*, (2022), (2558)*, (2559)*
Di Deco, M., 904*, (1165)*, 2656*, (2657)*
Didkowsky, N. A., (1834)*
Diebolt, G., 2104*, 2517*
Dierks, R. E., 2487*
Diesfeld, H. J., 812, 1085, 1682
Diez, C., 967*
Digout, S. C., 2158*
Digranes, A., 2131*
Dillon, D. E., 163*
Dilworth, C. R., (2643)
Dimari, S. J., 2355*
Di Martino, M., 80
Dimerdash, H., (2017)*
Dimitrowa, Z., 723*
Dinculescu, M., 1260*
Dineen, J. K., (346), (347)*, (1331)*, (1332), (2054)*, (2576)*
Diniz, C. R., 35*
Diop, B., 1551*
Diop, S., 1973*, 2104*, 2246, 2517*
Diop Mar, I., 1209
Diouf, A. B., (2538)
Dipeolu, O. O., 2727
Di Prete, A. M., 1302*
Discamps, G., 2873*
Disler, P., 1360
Disney, R. H. L., 1663*
Dissanaike, A. S., 784*
Divaris, A., 1602
Dizon, J. J., 3020
Djabanor, F. F. T., 2904
Dobkin, M. B., 1965*
Dobson, C., 654
Dobson, R. C., (2864)*
Docampo, R., 2437
Dockx, P., 2948*
Docquier, J., 1377
Dodds, J. M., (1103)*
Dodge, R. W., 1506, 1509
Dodin, A., 1264*
Doege, T. C., 1721*, (2489)
Doerr, H. W., 2236
Doerr, W., 936, 1682
Doesschate, J. T., 375*
Doherty, R. A., 2106*
Dojmi di Delupis, G., (1220)
Doležil, Z., 1547*
Dolkart, R. E., (1742)*
Doll, R. 1413
Dollahon, N. R., 2736
Domaradsky, I. V., 1013*, 1488*
Domingues, A. L. C., 2541*
Domrös, M., 1682
Dondero, T. J., Jr., 230*, 2692
Dönges, J., 2298
Donnelly, W. H., (2938)

Donta, S. T., 1467*, 1980, 2497
Doré, C., 2876*
Doremus, H. M., 1532*
Dorfman, R. F., 1609
Dorman, J. E. K., 1033
Dorofeeva, T. N., 1879*
Dorolle, P., 3020
Dosseh, B., 2283*
Dostál, V., 1373*
Dottori, B., 453*
Dottorini, S., (798)*
Doucet, J., 682
Douglas, A. S., (2119)*
Douglas, F., 2327*
Douglas, S. D., 1572
Douglas-Wilson, I., 652
Dourado, H. V., 1425*
Dow, P. A., 2102
Dowda, M. C., 732*, 1533*
Doyle, J. J., 2464, 3026*
Doyle, R. J., 259*
Draper, C. C., 13*, 1425, 2420*
Dreiling, B. J., 1822*
Drolshammer, I., 552
Drouhet, E., 1416
Druilhe, P., 2282*
Drummond, R. O., (426)*, (925)
Drury, R. A. B., 1144
Drutz, D. J., 1289, 1761*
D'Souza, N. G., 2000*
Duarte, P. G., 2567*
Duarte de Storni, P., 432
Dubey, J. P., 173*, 874
Dubrovsky, Yu. A., 484
Duchassin, M., 63*, 1014
Duclos, M., (2004)*
Dudrick, S. J., 376*
Dudley, B. W., 1069
Dueñas, A., 60
Duguid, J. P., 1421*
Dujeu, G., 1514*
Duke, B. O. L., 1335*, 1560, 2067, 2068, 2861, 2862
Duma, K., 388*
Dumas, M., 453*, 1620*
Dumas, N., (2123), 2927
Dumonde, D. C., 1460*
Dunachie, J. F., 2926*
Dunaev, G. S., 1489*
Dunnebacke, T. H., 2269
Dunsford, H. A., 1532*
Duntschewa, S., 723*
DuPont, H. L., 988
Duport, M., 1882
Dupras, E. F., Jr., 635*
Duque, E., 2715*
Duran, H., 1064*
Durand, B., 1627*, 2255*
Durfee, P. T., 2136
Durocher, J. R., 955*, 1586
Dusbábek, F., (1894)*
Dusek, J., 2417
Du Toit, D., 1275*
Dutra de Oliveira, J. E., (1811)*
Dutt, S. C., (786)
Dutta, D. V., 2262*, 2506*
Dutta, G. C., 2250*
Dutta, G. P., 502*, 503, 1016*, 2511*
Dutta, N. K., 1271*, 1272*, 2498*
Dutta, R. N., 1517, 2789
Dutta, S. N., 812*
Dvořák, J., 441*
Dvorak, J. A., 675, 955*
Dwyer, D. M., (1495), 2454, 2735
Dwyer, N. K., 2454*
Dymowska, Z., 111*, 1322, 1374, 2371, 2934

E

Eadie, M. J., 891*
Earl, C. J., 2384*
East African Community, (1674), (1675)
E. Afr. Med. J., 1382
Eaton, J. W., (384)
Eaton, R. D. P., 730
Ebersole, J. L., (2328)*
Ebert, F., (697), 1949
Ebrahimzadeh, A., (2286)
Echavarría R., A., 2914
Eckert, J., 552*, 1779*, 1791*, 2835
Eddy, G. A., 2751*
Edgar, P., 2090*
Edwards, C., (622)
Edwards, C. A., 1680
Efimov, D. D., 721*
Efremov, C. D., (1590)
Efremov, G., 388
Eftekhari, M. A., 1008*
Egere, J. U., 267*
Egger, I., 2370*
Egosz, N., 944*
Eguia, O. E., 983*, 1384*
Ehrich, J. H. H., 237*
Eichler, O., 1910
Eichler, W., 2412*
Eisa, H., (2287)*, 2508*
Eisenberg, L., 737
Ejezie, G. C., (2726)
Ekdesman, E., 1935*
El-Abdin, A. Z., 97*, 1050*, 2265
El-Ahmady, L., 2280*
El-Akkad, I. N., 86*
El-Amin, A. B. M., 2417
El-Asmar, M. F., (2120)
El Assiouty, I. M., 2811
El-Bagoury, I., 2280*
El-Banhawy, A., 313*
Elbihari, S., 563
El-Damarawy, N. A., (2614)*
El Daoud, S., 1612*
El-Din, S. T., 162*
El Din Ahmed, N., 2024*
El Din Soliman, M. D., 2897*
El-Ebrashy, N., 2280*
El-Gammal, M. Y. (2017)*
El-Gengehy, M. T., 91*, 2018*, 2019*
Elhadidy, M. N., (1479)*
El-Hashimi, W. K., 733*, 734*
El Hassan, A. M., 1612*, 1714*, 1815*, 2455*, 2958*
El-Hawary, M. F. S., (840)*
El-Hilaly, S., (2017)*
Eliseev, L. N., 2460*
El Kammah, K. M., 639, (1405)*
El Kaneshy, M. H., 341*
El Karim, O. A., 1815*
El-Khalek, K. A. A., 864*
El Kholy, E. S. I., 341*
Elkin, I. I., 1909
El Komy, M., 291*
Ellard, G. A., 1759, 1765, 2798
Ellenbogen, G., (2717)*
Ellerbe, W., 928*
Elliott, K., 1676
Elliott, M., 930, 2674
Ellis, B. P. B., (2767)*
El Maraghy, S., 582*, 1104*
El Masri, A. M., 781*
El Masry, N. A., 2290*
El Mehairy, M. M., 2811*
El-Molla, A., 142
El-Moursi, A. S., 2810*
El Naggar, B. A., 863*
El-Refaii, A. H., 792
El-Saadani, A. M., 91*
El-Said, W. M., 1042
Elsdon-Dew, R., 70*
Elsen, P., (47)*, 1793*, 1939
El-Serougi, M. S., 390*
El Shazali, H., 1815*
El-Sheikh, A., 2018*, 2019*
Elslager, E. F., 1210
El-Sohagy, I., 2897*
El Tayeb, A. A., 1612*
Elwood, P. C., 148
El Zawahry, M., 291
El-Zayadi, A. M., 2281
El-Ziadi, A. M., 2015*
Emel'Yanova, N. D., 208
Emmons, R. W., 53*, 61*, 2756
Emura, T., 334*
Endean, R., (1601)
Enders, B., 1523
Engelman, H. M., 500*
Engert, R., 2101*
Engler, V., 1998*
Engsner, G., 1098*
Enna, C. D., 2796
Enriquez, G. L., 466*, 1239*, 1241*
Enwonwu, C. O., (842)
Epstein, E. H., 2418*
Epstein, W. V., 1761*
Erasmus, D. A., 938
Erbakan, N., 181
Erickson, D. G., 328*, 2547, 2548
Eriksen, L., (2306)
Ermolieva, Z. V., 1273*
Ernst, R., 2185*
Ernst, S., 2869*
Ernst, S. E., (2409)*
Escobar, J., 60*
Eshghy, N., 196, 2981*
Esozed, S., 918*
Espínola, H. N., 39*
Esquivel-Rodríguez, A., 2711
Esteso, S. C., 1705
Esteves, J. P., 2264*
Estrada, D. D., 1379*
Etcharry, G., 2128*
Etemadi, A. H., 2525
Etges, F. J., 532*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

European Research Office, 2195
Evans, A. A. F., 2650
Evans, A. C., 773*
Evans, A. S., (2960)
Evans, C. B., 238*
Evans, D. A., 2728*
Evans, D. G., 201*
Evans, D. H. L., 2532*
Evans, D. J., Jr., 2496*
Evans, E. M., 2532*
Eveland, L. K., 106*
Eveland, W. C., 1153*, 1154*
Evensen, K. L., 952*
Ewen, A. B., 2398*
Ewers, W. H., 1456
Ewert, A., 563*, 818*, 914*, 1558*
Ewing, C. W., 2513*
Eyakuze, V. M., (1674), (1675), 2023, 2541
Eyck, D. R. T., 179* (948)*
Ezz, F. A., 2508*

F

Fabiyi, A., 1001*
Fagbami, A., 1469*
Faghih, M. A., (1916), 1958*
Fagneaux, G., 351*, 2061*
Fahmy, A., 2811*
Fahmy, M., 2897*
Fain, A., (47), 787, 1793, 2863
Fairchild, D. G., 2046*
Fakhar, N., 1729*
Fakunle, F., 185*
Falase, A. O., (2646)*
Faleiros, J. J., 254*
Falezza, G. C., 2607*
Fallis, A. M., 112*, 695, 704
Fallon, A. M., (2395)
Fanara, D. M., (1658)
Farahmandian, I., 796*
Faraone, U., 2224*
Fardin, A., 124*
Farhang-Azad, A., 926
Faria, M., 558*
Farid, Z., 2289, 2290
Fariñas G., L. N., 876
Farnham, A. W., 930*, 2674*
Farrell, H., (2767)*
Farshian, M., 1248*
Farshy, D. C., 1497
Faruqui, A. Q., (1836)*
Fasal, P., 1036*, 1761*
Fashinell, T. R., 1476*
Fass, C., 1804*
Fau, L. F., 2567*
Faubert, G. M., (2581)
Faulk, W. P., (2094), 2195
Fava Netto, C., 1131*, 2943*, 2944*
Fay, F. H., 553
Faye, I., 2277*
Fayer, R., (1285)
Fayez, M., 91, 2018, 2019
Fayyazud-Din, 2507*
Fazelbhoy, Z. A., 512
Featherston, D. W., (2044)*
Federle, P. F., 2669*
Feek, C. M., 82*, 2788*
Feinberg, J. G., 2195
Feist, P., 1981*
Fejfar, Z., 2416*
Feldheim, W., 1099
Feldman, H. A., 2124
Feldman, R., 1117
Feldman, R. G., (2324)
Feldman, S., 1881*
Felgner, P., 506
Feliciangeli, M. D., (40), 2710
Feller, M. D., 348*
Felsenfeld, O., 1019*, 2272, 3020
Felts, J. H., 590*
Fendall, N. R. E., 214
Fenner, F., 438
Fenwick, A., 758*, 770, 1045
Ferguson, D. J. P., 2926
Ferguson, J. D., (826)*
Fernandes, L. A. R., 36*
Fernandes, W. J., 508*
Fernández, N. P., (1321)
Fernández, S. S., 1968*
Fernex, M., 437
Ferngren, H., 953*
Ferone, R., (241)
Ferracci, C., 1854*
Ferrans, V. J., 2417
Ferrara, L., (2989)
Ferrari, I., 1705*
Ferraz, M. P. T., 324
Ferreira, A. L., 678, 1839*
Ferreira, D., 558*
Ferreira, O. A., 1230*, 1231*
Ferreira Gomes, N. J., 2225*
Ferreira Neto, J. A., 234*, 235, 1887*
Ferretti, G., (551)*
Ferrier, T. M., 891
Ferriolli, F., Jr., 34*, 2866*
Ferris, D. H., 989
Ferro, R., (71)*
Ferro-Luzzi, G. E., (368), (1344)
Ferrus, P., 2760*
Fessas, H., 1591*
Fetuga, B. L., (2085)
Field, M., (2770)
Fields, J. P., 2799*
Fieldsteel, A. H., 81
Fierer, J., 1376*
Fierlafijn, E., 1068
Figenschou, B. H., 1045*
Figueira, R. M., 676*
Figueiredo, J. F. M., 2541*
Figueiredo, N., 2541*
Figueiredo, P. Z., 2314
Fiil, A., (906)
Fikry, M. E., 92
Filice, G., (728)*, (729)*, 2258*, 2259*, (2260)*
Filipe, A. R., 1717
Filippova, L. N., 1731*
Finch, C. A., (2329)*
Finch, S. C., 1827*, 2903*
Findlay, G. H., (2630)
Finerty, J. F., 238, 2435*
Finkelstein, R. A., 2494, 2495*
Finlayson, L. H., 44*
Finnigan, F. B., 61*
Finzi, G., 1544*
Fiore, A. G., 1302*
Fiorelli, G., 1623*
Fioroni, M. A. L., 460
Firsova, R. A., 547*
Fischel, R. E., 94
Fiset, P., 984*
Fisher, R., 2113*
Fisher, S., 866
Fisher, W. K., 158*
Fitzgerald, O., 2358*
Fitzpatrick, G., (3005)*
Flagstad, T., (2306)*
Flaud-Lacoste, M. C., 1854
Fleming, A., 881*
Fleming, F., 2872*
Fleury, G. C., 1328
Fleury, H., 2129*, 2130
Flickinger, C. J., 1201
Fliess, E. L., (745)*
Floc'h, F., (2137)*
Flores, A., (2918)*
Flores, G., (2918)*
Flores, H., 219*, 2889
Flores, J., (1268)*
Fluck, D. J., 407
Fluck, D. M., 407*
Flynn, D. M., 2112*
Fofana, B., 2456*
Fomm, A. S., 42
Fond, G., 761*
Fonseca, O. J. M., 1672
Fonseca, R. C., 396
Fontaine, R. E., 900
Fontan, R., 1411*, (1866)
Fontanges, R., 1264*
Foon, L. P., 2308*
Foor, W. E., (1333)
Forattini, O. P., 218, 1230, 1231, 1249, (1398), 1911
Forbes, I. J., 2652*, 2843*
Foreign and Commonwealth Office Overseas Development Administration, (1700)
Foresi, C., 1739
Forsdyke, D., 2650
Forsum, E., 1342
Forsyth, D. M., 529
Fort, M., (1808)
Foster, R., 782, 2541
Foster, W. B., (2295)*, (2296)*
Fouad, F., 2018*, 2019*
Fournier, J. M., 1264
Fowler, M., 207*
Fox, H. C., (1631)*
Fraga de Azevedo, J., 2294*, 2297*
Franca Rodríguez, M. E., 2313*, 2711*, 2713
Franco, M. F., 1131
Franken, S., 2374
Franklin, M., (2643)*
Franzini, C., 2610*
Frappaolo, P. J., 1312*
Fraser, C. E. O., 402*
Frayer, W., 2330*
Frayha, G. J., (2411)
Fréchette, J. L., 825
Freddi, N. A., 2541*
Freeman, J. C., 1445

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Freeman, P., 1637
Freeman, R. S., 112, 1678
Fregene, A. O., 475*
Fremount, H. N., 2431
Freney, L. C., 1631
Frenkel, J. K., 173, 596*, 874*, 1126, 2124
Frescura, T., 867
Freston, J. W., 2542*
Freter, R., 287*
Freyens, P., 497*
Frezil, J. L., 1450
Fried, J. A., 1208*
Friedheim, E., 1452
Friedman, E. A., 2603
Friedman, H., 2249*
Friedman, I., 2417*
Friedman, S., 154, 2345*
Friedman, S. B., 2433
Fripp, P. J., 1052, 2020*
Friz, C. T., 1201
Fröhlich, A., 1779*
Fromentin, H., (2452)
Fruitstone, M., 1090*
Frumin, A. M., 1623*
Fubara, E. S., 287
Fuchs, M. S., (1649)*
Fuentes Aguilar, R., (1141)
Fuglsang, H., 359, 571*, 572*, 1799, 2860
Fuhr, R., 2132
Fujii, M., 1038
Fujita, N., 55
Fukuda, T., (418)*, (1653)
Fukui, M., 574*
Fukuto, T. R., 1656*
Fukutome, S., 2844*
Fuller, G. K., 1712
Fulton, H. R., (1639)
Fulton, W. F. M., 2417
Furness, M. A., (752)*

G

Gaafer, S. M., 654
Gabinaud, A., (2165)*
Gabr, M. K., 582*, 1104*
Gadd, P., 105*
Gahrton, G., 1830*
Gaidamovich, S. Ya., 1963, 2482
Gaines, L. T., 1586*
Gajdusek, D. C., 1388*, 1606*, 1877*, 2383*
Gal, I., 2895
Galbadrakh, C., 1063*
Gale, J. L., 1135*, 2470
Galin, M. A., 595*
Gallichio, H. A., 2357*
Gallut, J., 3020
Galun, R., 924*
Galvão, A. B., 2712
Gama-Rodrigues, J. J., 2540
Gambrill, M. R., 2228, 2229
Gammon, P. T., 1765*, 2798*
Gan, E., 1252*, 2749*
Ganapati, R., 1027, 2000*
Gancarz, Z., 111, 1322*, 1805, 2075
Gandhi, S. G., 2608*
Gandini, P., 42*
Ganesan, J., (1122)*
Ganesh, K., 2363
Gangal, S. G., 2800
Gangarosa, E. J., (2245)*, 3020
Ganguli, K. P., 1726*
Ganguly, N. K., 2506*
Garagusi, V. F., 1549*
Gar Avusi, M., 2649*
Garby, L., 2881
Garcia, R. G., 2304*
Garcia, W., 29*
Garciá-Pérez, G., (1837)*, (1838)*
Gardener, P. J., 2734*
Gardiner, J., 753
Gardner, A., 1944*
Gardner, J. D., (1270)*
Garms, R., 573, 1402, 1663
Garn, S. M., 2899
Garner, A., 1335
Garner, M. F., 1751
Garnham, P. C. C., 193*, (1211), 1212*, (1223), (1423), 1678, 1693
Garry, C. E., (2986)*
Garry, P. J., (1806)*
Gateff, C., 1627, 1670, 2219, 2255, 2256
Gatei, D., 1128*
Gatlewar, W. N., 811*
Gatti, F., 131*
Gatti, J. C., (745)*
Gauthier, O., 2001*
Gauthier, Y., 2001*
Gavrilis, P. K., 1587*
Gaylord, C. E., 1868*
Gazzinelli, G., 2225*, 2816*, 2821*
Gear, N. R., 2020
Geddes, A. M., 1914*
Geddes, T. D., 2378
Gédéon, E. M., 884
Geigy, R., 467, 468*
Geiman, Q. M., 17*
Gelber, R. H., 1761, 2202*
Gelfand, M., 137, 314*, 1139*, 1770
Gellady, A. M., (1120)
Gemetchu, T., 1662, 1712*
Gemmell, M. A., 654
Gendron, Y., 1381
Genis, D. E., 1542
Gentilini, M., 316, 2967*
Gentner, H. W., 1550
George, P. A., 562*, 2851*
Georghiou, G. P., 3002
Gerbaud, G. R., (1010)*
Geren, C. R., (171)
Gerichter, C. B., (1485)
Gerolt, P., 3013
Gershon, R. K., 1003*
Gerulewicz, E., 1296*
Geser, A., 613*
Ghadirian, E., 806, 1074, (1787)
Ghaly, A. F., 313
Ghanam, N. S., 341*
Ghandi, P. C., 2336*
Ghandour, A. M., 1049
Gharbi, M. R., 1513
Ghatak, S., (793)*
Ghauri, M. S. K., 1637
Ghavami, P., 2084*
Ghione, M., (1862)
Ghorbani, M., 1843*, 2366
Ghorra, F., (846)*
Ghosh Roy, B., 2640*
Giacomucci, G., 1544*
Giannini, G., (2209)*
Giauque, R. D., 2332*
Gibbs, A. J., 3024
Gibbs, C. J., Jr., 1388, 1877*, 2383*
Gibson, J. J., 2421*
Gidel, R., 2501*
Gigase, P., 177*, 1377*
Giglioli, M. E. C., 2166*, 2399*
Giladi, M., (2181)*
Gill, G. S., 1449*
Gilles, H. M., 326*, 1832*, 2693
Gillespie, E., (1982)*
Gillet, J., (959)
Gillett, J. D., 624, 2650
Gillette, P. N., 1362, (1114)*, 2111*, 2348
Gillies, I. D. S., 387*
Gillies, M. T., 896, (1156), 2388
Gilman, R. H., 229*
Ginn, R. K., 269*
Giordano, C., 682
Girard, P. L., 453, 1620*
Giraud, J., 283*
Giraudeau, P., 518
Girgla, H. S., 85*
Giscard, R., 2913*
Gish, O., 1409
Giunta, S., (797)*, 1544*
Giusti, G., 1686
Givental, N. I., 285, 1273
Glader, B. E., 1586*
Gladney, W. J., (209), (2409)
Glasgow, L. A., 2433*
Glatthaar, B. E., 845*
Glaudel, R. J., 532
Glazebrook, J. S., (2654)*
Gleason, N. N., 791
Glebova, A. A., 2040*
Gleser, R. A., 1614*
Glew, R. H., 1430, 2427, 2430*
Glumov, V. Ya, (2309)
Glumova, V. A., (2309)*
Gobezie, A., 1098*
Godal, T., 82*, 83, 297*, 300, 301*, (747), 1291*, 1758, 1760*, 2788*
Goddell, J. C., 232*
Godfrey, D. G., 27*, 688*, 2734*
Godoy, P., 2292*
Godwin, J. D., 862
Goedde, H. W., (1292)*
Goel, R. G., 2969*
Gogai, S., 1429*
Gögler, H., 2266
Golban-Moghadam, N., 1594*
Goldberg, B., 2447
Goldenberg, S., (320), (321)
Goldsmid, J. M., 344, 345, 364, 1878, 2318, 2872
Goldsmith, G. A., (2585)

Goldstein, L., 1201
Goldwasser, R. A., (709)*, 2232
Golfera, H., 256*
Golvan, Y. J., 1416
Gomaa, A., (2017)*
Gomes, M. C. O., 2929
Gomes, U. A., 834*
Gomez, M., 1226*
Gonçalves, J. E. P., (1527)*
Gonchar, N. M., 2164
Gönnert, R., 257*
González, H., 577*, 854*
Gonzalez, L. E., 275*
Gonzalez, N. E., (2115)*
González Cappa, S. M., 37, 1703
González Hernández, J. M., (1277)
González Lara, F. S., (1277)*
Gonzalez-Ochoa, A., 179*
Gonzalez-Robles, A., 67*
Goodall, D., 2588
Goodall, H. B., 449
Goode, P., 1677*
Goodford, P. J., (2700)*
Goodman, D. S., 582*
Goodman, M. A., 1534
Goodman, M. L., 2321*
Goodrich, B. S., (1332)*, (2576)*
Goodwin, L. G., 476, 1676
Gooi, H. C., 2202*
Goos, S. M., (2922)*
Gorden, C. W., (826)*
Gordon, R., (1186)*, (1902)
Gorham, J. R., (418)*, 432, (2980)
Gorton, E., 57*
Goss, S. J., 2502*
Gothe, R., (1668)*, (3017)
Gothilf, S., 2662*
Gottfried, E. L., 1817
Goube, P., 349*
Gouck, H. K., 2397*
Gough, P. M., 2487
Gould, D. J., (1645)*
Gourul, J. C., (71)*
Govil, P., 2851*
Govila, P., 562*, 2062*
Grabbe, R. R., (2409)*
Grabosz, J. A. J., 1291
Gracey, M., 1571
Gracheva, L. I., 859
Grados, O., 2563*
Gradwell, G. R., 2191*
Graham, A. J., 618*
Graham, G. G., 1095*, 1355, (1356)*, 1577*, 2893*
Graham, H. A., 1699
Granatir, R., 1824*
Grand, R. J., 1978
Granda, H., (1113)*, 2900*
Grandjean, O., (645)*
Grant, D. P., 712*, 2384*
Grant, G. S., 1638*
Grantham-McGregor, S. M., 2341
Gras, G., 756
Gratz, N. G., (280), 2389*, (2951)
Gray, A. R., (974)*
Gray, R. H., 2200
Grayston, J. T., 1135*, 2375*
Greaves, M. W., (1763)*
Green, D. I., 20*
Green, J., 772*
Green, M., 618*
Greenberg, B., 440
Greenblatt, C. L., 696*
Greenhall, A. M., (1969)
Greenough, W. B., III, 2496*
Greenwood, B. M., 684, 881*, 970, 1206, 3026
Greer, D. L., 1379
Gregg, M. B., 273*, 1253*, 1719*
Gregory, M. A., (1282)*
Gregory, R. L., 1019
Gregory, W. J., 2378*
Gress, F. M., 1314
Greve, J. H., (1568)
Gribencha, S. V., 2488
Griffin, J. L., 1201
Grima, W., 1025*
Grimstad, P. R., (2986)
Grinbaum, E., 768*, 2541*
Gritsenko, A. N., 1273*
Groeneveld, H. T., 2299*
Groot, H., 995*
Grothaus, R. H., 204*
Grove, D. I., 2843
Grover, K. K., 199*
Grüner, D., (360)
Grunsell, C. S. G., 1422
Grzywiński, L., 2368
Gsell, O., 437
Gualdi, G., 80*
Guardia, J., 2233
Gubenšek, F., (1597)
Gubler, D. J., 350*
Gudbjarnason, S., 2417
Gudima, O. S., (2472)
Guerra S., A., 223*
Guerrant, R. L., 1493*, 2496*
Guest, M. F., 2325*
Gueye, S. N'D., 2283*
Guglielmi, S., 1458*
Gugnani, H. C., 1732*
Guhathakurta, B., 2250
Gui, L., 1972
Guignard, J. P., (2933)
Guimarães, A. C., 2264
Guimarães, E. C., 602*
Guisantes, J. A., 337
Guitti, J. C., 2333
Gumnardpetch, R., (593)*
Gunders, A. E., 1149, 1150
Gunvén, P., 885*
Gupta, A. K., 2645*
Gupta, C. P., 2894*
Gupta, H. L., 2156*
Gupta, P. D., 1286*
Gupta, R. K., 78
Gupta, S., 2969
Gupta, S. C., 850*, 1029*
Gupta, S. R., 1520*, 1749*
Gurney, J. M., (133), (1575)
Gürson, C. T., (373)
Guschchin, B. V., 1262*
Gutsevich, A. V., 2393
Gutteridge, W. E., 2195
Guy, M. W., 476*
Guy, R. B., 1587
Guy, Y., 699*
Gwadz, R. W., 817, 1082, 2064
Gyles, C. L., 2247, 2248
Gyr, K., 2930*
Gyr, P., (1601)*

H

Haak, W., 2626*
Haas, G. E., 2183
Haas, J., 437*
Haas, R., 1682, 2236*
Habbu, M. K., 1482
Habeeb, M., 2811*
Haberkorn, A., 257*
Habib, M. A., 528*
Habib, S. M., 91*
Habib, Y. A., 2018*, 2019*
Habowsky, J. E. J., 680*
Habte, D., 2089
Hacker, C. S., (1159), 2992
Hackett, E. R., 302*, 2795*
Hadani, A., 1149*, 1150*, 2408
Haddad, C. M., (321)*
Haddock, D. R. W., 1110
Hadgu, P., 404
Hadida, E., (411)*
Hadidjaja, P., 1771*
Hadjinicolaou, J., 1687
Hady, J., 1711*
Haemers, J., 1849*
Haensch, G., 2930
Hafez, S., 2265*
Haff, R. C., 1741
Hafizi, A., 1843*, 2366*
Hagedorn, H. H., (2395)*
Hagenaar-de Weerdt, M., 2686*
Hahn, P., 219
Haider, Z., 2507
Hair, J. A., (643)*, (1192)*
Hajdú, P., 1943*
Hall, A. P., 12*, 952, 1427, 2425
Hall, M., 1677
Hall, P. J., (2242)
Hallett, A. F., (1009)
Hallinan, E., 200
Halpern, B., (1742)
Halpern, S. E., 1376*
Halsted, J. A., 2084*
Halton, D. W., (544)*
Hamadein, H. A., (2617)*
Hamalle, R. J., 1904*
Hamed, R. H., 390*
Hamel, H. D., (1668)
Hamid, J. A. E., (2592)*
Hamidi, A. N., 1958*
Hamilton, P. J., (2119)
Hamilton, P. J. S., 649*
Hamilton, R. W., 154*
Hamladji, M. R., 2651*
Hammar, A. H., 1965*
Hammel, C. F., 383
Hammond, J. A., (2035)
Handman, E., 2461
Hani-Ayobe, M., 853*, 2356*
Hanissian, A. S., 1108
Hanks, J. H., 1768*
Hanna, M. M., (168)*, (2616)*

Hanneman, R., (1941)*
Hannouche, G., (846)*
Hansen, E. L., (2815)
Hansford, C. F., 2197
Hanson, B., 1253*
Hanson, W. L., 464*, 2442
Harant, J. A., 2434*
Harboe, M., 1760*
Harbut, C. L., 1080
Hardy, D. E., 656*
Harfouche, J. K., 2316
Hargreaves, B. J., 1921*
Harinasata, P., 1349*
Harinasuta, C., 122*, 543*, 1056*, 2030*, 2414
Harinasuta, T., 4*
Harisdangkul, V., (2481)*
Harley, J. P., 2078
Harmsen, R., 1678*
Harris, E. A. (1109)*
Harris, J. W., 151*
Harrison, A. J., 2429*
Harrison, D. W., 1677
Harrison, N., 1615*
Hart, R. J. C., 1956*
Hartaman, T., (1573)
Hartberg, W. K., (1173), (1650)*
Hartley, J. L., (1971)
Hartley, W. J., 2624, (2935)
Hartman, A., 296
Hartmann, M. G., 437
Harvey, R. P., 943*, 1566*
Haseeb, N. M., 96*, 528*
Hassan, A., 2289*, 2290*
Hassanein, E. A., 837
Hasselblad, O. W., 1753
Hassell, M. P., 2191*
Hasty, S. E., 2238*
Hattori, K., 706*
Hattori, T., 1075*
Hattwick, M. A. W., 1253, 1719
Hauert, J., (2921)
Haugen, O. A., 2010*
Haun, E. J., 2718*
Haun, J. E., 2718*
Haut, M. J., 151
Hawking, F., 473, 474, 1432, 2195
Hawkins, S. E., 1201
Hay, R. W., 1354*, (1812)*
Hayes, J., 1889, 1890
Hayes, K., 865
Hayes, T. J., 1774, 1775
Hazlett, D., 52*
Hazlewood, C. F., 2589*
Hazoume, F., 283*
Hazuria, R. S., 2337
Headen, N., 1210*
Headings, V. E., 2912*
Healy, G. R., 1497*
Heath, J. E., 1218*
Heberling, R. L., 2545*
Hebrard, G., 2984*
Heckle, J., (2121)*
Hedayat, S., 161*
Hedayati, H., 139*
Hedley-Whyte, J., (1112)*
Hegazi, M. M., 341*
Heggers, J. P., 1959
Heggie, C. M., 2382*
Heinz, K. P. W., 289
Heischkeil, R., (664), 1438
Held, J. R., 275*
Heller, P., (1124)*
Hellerstein, S., 2107
Helmke, R. J., 2545*
Helmuth, A. C., (583)*
Helmy, H. S., 304*, 1765*
Hem, D. G., (1158)*
Henderson, D. W., 2652
Henderson, J. I., 1534*
Hendley, J. O., 2569*
Hendricks, J. R., 1790*
Hennequin, M., 1026
Henney, C. S., (1982)
Hennigar, G. R., 1985*
Henry, L., 176
Héraut, L., 453*
Herbert, W. J., 937*
Heredero, L., (1113), 2900
Herman, F., (959)*
Herman, F. G., 890*
Herman, J. J., 1005*
Herman, R., 242, 1221
Hermanne, J., 1502*
Hermodson, M. A., (851)*
Hermoso Yañez, R., (557)
Hernandez, A., (2901)*
Hernandez, J. R., 2879*
Hernandez, M., 2879
Hernández-Pieretti, O., 2714
Herrer, A., 488, 489*, 1461
Herrmann, J., 437*
Herron, C. A., 1256*
Herzig, D. J., 2570
Herzog, H., 2073*
Hess, R. T., 1462*
Hess, U., 1779
Hettiarachchi, J., (1876)*, 2648*
Hewing, A. N., 2169
Hewitten, J. H., 2971
Hewlett, E. L., 2496
Heydari-Mohammad Abadi, A. A., 1248*
Heydorn, A. O., 1995, 1996*
Heywood, D., 2111*
Heywood, J. D., (2916)*
Heywood, P., (1931)
Hial, V., 35
Hidalgo, C. P., 2879*
Hidaytalla, A., 2958*
Hiepe, T., 792*
Higashi, G., 1050*
Higazi, A. M., 2280
Highton, R. B., 2293
Hildebrandt, W., 1500*
Hilgner, W., 1665*
Hill, C. W., (1357)*
Hill, F. W. G., 1422*
Hill, J. R., (157)*
Hill, P., 470
Hilleman, M. R., 438
Hillman, G. R., 779*
Hillmann, R. C., 646*
Hills, L. A., 1925*
Hillyer, G. V., 2549, (2814)
Hilton, D. F. J., 2162
Hingorani, V., 2363*
Hinirchs, D. J., 1959*
Hinz, E., 1327
Hira, P. R., 267, 2134
Hiraki, M., (2536)*
Hiranras, S., 746*
Hirsch, J. G., 3026
Hisayasu, N., 2840*
Hitchcock, J. C., 2853*, 2991
Hitcho, P. J., (2056)
Ho, B. C., 816*, (1338)*, (2326)
Ho, M., 2758
Hobbins, J. C., 2342
Hobbs, J. H., 224*, 901
Hockley, D. J., 1678
Hoeffler, D. F., (2826)
Hoff, R., 2438
Hoffman, R. V., Jr., 2445*
Hogewind, Z. A., 1579*
Hojer, B., (933)
Hokama, Y., 2790
Hokama, Z., (2116)*
Holanda, J. C., 2820, 2821
Holbrook, T. W., 1244, 2206, 2736*
Holdeman, L. V., 1583*
Holden, M. J., (2324)*
Holiday, J., 660*
Hollenberg, M. D., (1490)
Holmes, G. E., (650)
Holmes, P. R., 361
Holmes, R. K., 2494*, 2495*
Holmgren, J., (1269), 1494, 1733, 1977, 1979
Holt, J., (1812)*
Homewood, C. A., 2195
Hommel, M., 329
Homsher, P. J., (2410)*
Hong, H. K., 1160*
Hongsbhanich, L., 669*
Honig, G. R., (1833)
Honigberg, B. M., (1504)*
Honzáková, E., (1894)*
Hooey, D. H., 2196
Hoogstraal, H., 208*, (456)*, (1405), 2407*, (2670)
Hooks, J., 1877*
Hopewell, W. S., 166*
Hopkins, C. A., (2312)
Hörchner, F., 1301
Hori, E., 1075, 2059, 2845
Hornabrook, R. W., 1751*, 2957*
Horner, C., 1511*
Hornick, R. B., 1691*, (2253)*
Hornung, S. B., 2669*
Horstmann, P., 7
Horvath, A. E., 2444
Horwitz, M., (1986)*
Hosaka, Y., 439*
Hoshino, S., 32* 1060*
Hosier, D. W., 348, 2057
Hospedales C., A., 876*
Höss, D., 519
Ho Thi Sang, 120*
Hott, A., 623*
Hotta, S., (54), 55*
Houba, V., 2195
Houenassou, P., 316*
Houin, R., 699*
Houston, R. G., 591
Ho-Van-Tri, 2058*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Howard, P., 1476*
Howard, W. A., 2430*
Howell, D. E., (171)*
Howells, R. E., 239, 240, 458
Hronovský, V., 499, 1718
Hsieh, H. C., 1072
Hsü, H. F., 106*
Hsü, S. Y. L., 106
Hsu-Kuo, M. Y., 1692*
Htay-Aung, 2805*
Huang, C. H., (617)*
Huang, C. S., 206*
Huang, C. T., 167
Huang, J. S., 167*
Huang, J. T., (1366)*
Huart, R., 2195*
Hübner, J., 1851*
Hudson, B. W., 1481
Huebner, E., (472)*, 2453
Huehns, E. R., (1123)*
Huggins, D. W., (2443), (2457), 2539, (2623)
Hughes, J. P., 430, 2414
Hughes, L. E., 2483
Hughes, M., 529*
Hughes, W. T., 414*, 1881, 2653
Huisman, T. H. J., 388* (1590)*, (1592)*, 2114*
Huldt, G., 2267*
Hulínská, D., (555), (556)
Hulínsky, V., (555)*
Hull, R. W., 666*
Humeau, F., 761*
Humeniuk, V., 2652*
Hummeler, K., 998*
Hunponu-Wusu, O. O., 719
Hunt, J., 1954*
Hunt, K. K., Jr., 3*
Hunt, R. H., 1390
Huntsman, R. G., 1591*
Huppert, M., 1856
Hurtado, M. I., 2781*
Hushangi, T., 738*
Hussein, H. A. A., 1624*
Hutchinson, M. P., 485*, 2738*
Hutchison, W. M., 2926*
Hutner, S. H., 2447*
Hutt, M. S. R., 407*, 957*, 1417, 1418, 1873, 2154*, 2416*
Hutter, R. M., 2432*
Hutzinger, O., 2158*
Huynh-Ngoc-Phuong, 2058*
Huys, J., 497
Hwang, K. I., (2039)*
Hyde, C. L., 238*
Hyvarinen, A , 2089*

I

Iba, B. Y., 932
Ibrahim, A. M., (840)*
Ibrahim, A. N., 202*
Idell, S., 2057*
Idelson, L. I., (1834)
Iglésias, J. D. F., (1527)*
Ignoffo, C. M., 1184
Iijima, T., 2304
Ikeda, J., 913*
Ikede, B. O., (1443)*
Ikeme, A. C., 1143, 2148, 2417
Ilahude, H. D., 2577*
Ilardi, A., 1458
Ilchenko, T. P., 1879*
Imaeda, T., 303
Imai, J., 2034
Imbert, X., 349*
Imkamp, F. M. J., 305
Impand, P., 2302*
Imperato, P. J., 403, 943, 1566, 2456, 2683
Inatomi, S., 439
Indrayan, A., (281), 1028*
Ingianna, M., 396*
Inoki, S., 245*
Intarakhao, C., 1056*
Int. J. Lepr., 1752, 1753, (2518)
Intraprasert, R., 6*
Invest, J., 2399*
Iqbal, M. P., 205*, 1179*
Irgens, L. M., 1752
Irsiana, R., 2755*
Irving, G. S., 2470*
Isaäcson, M., 1004, (1009)*
Isawi, F., 2316*
Ishaque, M., (2012)
Ishimaru, T., 439
Ishizaki, T., 439
Ismail, I. A. H., 2689
Ismail, M., (2120)*, (2617)*
Isoun, T. T., 1001*
Issac, J. J., 1029*
Isselbacher, K. J., (2301)*
Issi, I. V., 427*
Istomina, L. B., 861
Istratkina, S. V., 2671*
Itano, K., 439*
Ito, Y., 439*
Itoh, T., (822)*
Ittycheriah, P. I., 3001
Iversen, J. O., 1394
Iyer, P. D., 2608*
Iyer, S. S., 64*
Izaki, S., 55*
Izumi, S., 1287*
Izzat, N. N., 654*

J

Jabłonowski, Z., 2050*
Jackson, G. D. F., (1976)*
Jackson, J. M., (1123)
Jacob, H. S., (384)*
Jacobs, A. A., (2096)*
Jacobs, L., 1678, 2124
Jacobs, R. L., 1697
Jacobsen, P. L., 1766*
Jacobson, K. L., (842)*
Jacobson, R. L., 695*
Jacoby, G. A., Jr., 2321
Jacqueline, E., 1304
Jacquemin, J. L., 3025*
Jacquemin, P., 3025
Jacquerye, L., 787*
Jacquet, N., (1276)*
Jadin, J. B., 1502, 1747*
Jadin, J. M., 2195
Jaffe, J. J., 692, 1532
Jaffé, L., 437
Jagenburg, R., 1098*
Jahn, T. L., 1201*
Jakob, H., 57*
Jaksina, S., 1978*
Jakštys, B. P., 2434
Jalota, R., 2542
James, C., 2546*
James, D. M., 475
James, G. W., III, (2917)*
James, W. P. T., 2597*
Jamieson, A., 1021, 1503*
Jamieson, W. B., 413*
Jamra, L. F., 602*
Jan, C., 2255*
Jan, Z. A., (1836)*
Janerich, D. T., 844
Janes, N. F., 930*, 2674*
Jankovic-Brmbolic, A., 2367*
Jannuzzi, C., 860
Jano, B., 1036*
Janosi, M., 1110*
Jansen, A. A. J., 2588*
Jansen, C. R., 1275*
Jansen, H. B., (1319)*
Janssen, J. A. H., 2451
Janssen, P., 1695*
Janssens, P. G., 2414
Jäntti, V., 2235*
Jatanasen, S., 270*
Javadian, E., 14*
Jayaraj, A. P., (2157)*
Jaya Rao, K. S., 1576
Jayasuriya, J. M. R., (663)*
Jeffery, G. M., 225*
Jeffrey, H. C., 1875
Jelewa, M., 723*
Jelliffe, D. B., (133)*, 366, 1096*, 1353*, 1809*, 1813
Jelliffe, E. F. P., 366*, 1096, 1809, 1813*, (2874)
Jen, T. S., 2663*
Jenis, E. H., 2932*
Jenkins, T., 509*, 1346
Jenks, B., 1090*
Jenni, L., 468*, 2221
Jennings, F. W., 49*
Jennings, S. M. F., 1053*
Jensen, M., 1111, (1115)
Jensen, P., 987*
Jeon, K. W., 1201
Jerushalmy, Z., (2117)*
Jeska, E. L., (363)*
Jeter, M. H., 950*
Jewell, M. L., 596
Jewsbury, J. M., 1051
Ježek, Z., 1063
Jhala, H. I., 1482*
Jindal, I. B., 1807*
Jíra, J., 859*
Job, C. K., 1294, 2794
Joesoef, A., 1771*
Jogan, B., 511
Johansson, B., (2962)*
John, V. M., (446)*
Johnson, C., 1585*
Johnson, C. L., (1341)*
Johnson, D. R., 444
Johnson, E., 1677
Johnson, H. E., (929)*
Johnson, J., 1210*
Johnson, K. M., 3010*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Johnson, M. H., (2071)
Johnson, N. D., 1596*
Johnson, O. A., 2406*
Johnson, R. H., 405*, (2654)*
Johnston, C. L., 1829*
Johri, G. N., 2847
Jokipii, A. M. M., 2780*
Jokipii, L., 2780
Jolles, S. G., 1819
Jolly, J. G., 2622*
Jones, C., 2327*
Jones, C. E., (2319), 2547*, 2548*
Jones, D. V., 2884
Jones, G. E., 2401*
Jones, I. G., 2449
Jones, J. C., (907)
Jones, J. J., 530*, 1578*, 2956*
Jones, M. D. R., 628
Jones, P., 2153*
Jones, T. C., 3026*
Joó, I., 1725, 3020
Joon-Wah, M., 2855
Jordan, A. M., 471, 976
Jordan, P., 322*
Jorgensen, T. A., 770*
Joseph, S. R., (2666)*, (2667)
Joseph, S. W., 2136*
Joseph, V. R., 658*
Joshi, K. R., 703*
Joshpe, G., 589
Joske, R. A., 1543
Joslyn, D., 2390*
Josserand, C., (374)*, 835*
J. Infect. Dis., 2763
J. Trop. Med. Hyg., 442, 2414
Juan, J., 2580*
Judge, D. M., 2271, 2784
Judisch, J. M., 1584*
Jueco, N. L., 1769
Juhan, I., 149*
Jumbala, B., 1358*
Jumper, J. R., 21*, 1694*, 2428*
Jusatz, H. J., 1413, 1682

K

Kadiki, O., 1688
Kadry, S., (2287)*, 2508*
Kagan, I. G., 194*, 579*, 1208*, 1703*, 1932*, 2441*
Kagen, L. J., 1608
Kaiser, M. N., 2407
Kálalová, S., (1894)*
Kale, O. O., 1792
Kaliner, G., (2731)
Kallinikova, V. D., 244* (2223)*
Kalra, N. L., 486*, 487*, 1246*
Kalra, R. L., (1897)
Kalro, R. H., (2898)
Kalter, S. S., 2545
Kamath, K. R., 1087, 1750
Kambara, H., 466*
Kamel, A. M., 1595*, (2615) 2920*
Kamel, M. Y., (210)*
Kamel, R., 97, 1050*
Kamiya, H., 1546
Kamiya, M., 122, 574*
Kammann, M., 2757*
Kammerer, W. S., (2833)*
Kammoun, R., 1513*
Kamunvi, F., 2417
Kamuzora, H., (1593)*
Kan, S. P., 550*
Kanagasuntheram, R., (1338)
Kanatov, Yu. V., 1008*
Kaneda, Y., 677
Kanengoni, E., 1578*
Kanengoni, J. D. E., 530*
Kang, S. H., (1649)*
Kangwagye, T. N., (2404)
Kankonkar, S., 811
Kankura, T., 389*
Kannan-Kutty, M., (1380), (1858)
Kano, R., 2747*
Kanyike, F. B., 382*
Kapadia, C. R., 378
Kaplan, M. M., 272
Kapoor, K. K., 850*
Karam, M., 2316*
Karamboula, K., 385*
Karandikar, D. S., 1748*
Karat, A. B. A., 1753
Karbhari, R. S., 1483*
Kariks, J., 1360*
Karimi, Y., 1008, 1970
Kark, J., 944*
Karmarkar, M. G., (1140)
Karrasch, A. W., 1301*
Karstorp, A., 953
Karuppaiyan, V., 1907*
Kasemsuth, R., 956*, 2777*
Kasper, L. H., 1216
Kasprzak, W., 1274, 1281, (2268)
Kassai, T., 1788*
Katayama, I., 1614
Kateley, J. R., 2249
Katerellos, C., (849)*
Kates, S., 1554
Katiyar, J. C., 562, (793), 2062, 2857*
Kato, L., (2012)*
Katsimbura, N., 2839*
Kattamis, C., 385
Katz, A. J., (1193)
Katz, J., 2*
Katz, N., 327*, 768, 1058, 1071, 2541, 2554*
Katzarski, M., (580)
Katzin, A., 256*
Kauffmann, M., 467*, 468*
Kavallari, M., (849)*
Kawaguchi, Y., (2535)
Kawazoe, U., 1317*
Kayihigi, J., 497*
Kazár, J., (498), 2467, 2475*
Keeling, M. M., 1109
Keeton, G., (1986)*
Kekeh, J. K., 284*
Keller, G. C., 1019*
Keller, W. D., 2335
Kellermeyer, R. W., 1147*
Kelley, A. C., 2418*
Kellina, O. I., 1247
Kelly, A., 2649
Kelly, H. B., (1957)
Kelly, J. D., (346)*, (347), 361*, (1331)*, (1332)*, (2054), (2576)
Kelly, R., (1508)*
Kemp, G. E., 1001
Kendall, A. G., 1365
Kenmotsu, M., 343*, 805*, 2840*
Kennedy, B. P. C., (2970)*
Kennedy, C. C., (2915)
Kennel, A. J., 2417
Kenyanjui, C. B., 683*
Kenyon, R. H., 2473, 2751*
Kergroach, P. P., (1367)*
Kern, F., 705
Kerr, G. R., (583)
Kershaw, W. E., (1700)
Kew, M., (2959)
Keyvanfar, A., 1970*
Khachoyan, V. I., 671*
Khafagy, I. Z., 1772*
Khaled, M. L. M., 559
Khalil, H. M., 125*, 559*
Khalil, M., 2091
Khalili, K., 975
Khamboon-Ruang, C., 669*, 2037
Khan, Z. H., (1836)
Khanolkar, S. R., 2800*
Khavkin, T. N., 992*, 2468
Khayyal, M. T., 781
Khin-Maung-Kyi, 902, 1391
Khin-Ohn-Lwin, 2805
Kho, L. K., 1870*
Khong, K. Y., (1763)*
Khonolkar, S. R., 2524*
Kibukamusoke, J. W., 1418, 2154
Kiessling, R., 885*
Kifune, T., 546
Kihara, T., 2840*
Kilama, W. L., 2992*, 2993
Kilgour, V., 27, 2734
Killick-Kendrick, R., 22, 668, (1636), 2195
Kilonzo, B. M., 2417*
Kim, H. K., 414
Kim, J. S., (2830)
Kim, R., 2790*
Kimball, A. C., 1608*
Kimber, C. D., 192*
Kimura, E., 55*
Kimura, L., 2790*
King, D. F., 782*
King, F. M. A., 2189*
King, M. H., 2188, 2189
Kingston, M., 838
Kingston, N., 1701
Kinzer, G. M., 109*
Kirsten, C., 1085*
Kisner, C. D., 93
Kitaoka, M., 706, (986), 2747*, 2748
Kitching, J. A., 74*
Kitikoon, V., 543*, 2030
Kitzmiller, J. B., 629, (1166)*, (1392)*, 2390
Klasa, A., 1283*, 2934*
Kleevens, J. W. L., 431
Klein, F., 2686*
Klein, G., 885*, (2962)*
Klein, Yu. S., 2076
Klibansky, C., (170)*
Klimenko, S. M., 1262*

Klingberg, M. A., 438*, (709)*, 2232*
Klingberg, W., (709)*, 2232*
Klipstein, F. A., 379*, 1583, 2101*
Klisenko, G. A., 1963*, 2482*
Kloetzel, J., 1229*, 2436*
Kloetzel, K., 254
Klongkamnuankarn, K., 2261*
Kloutse, I., 284*
Knapp, F. W., 2672*
Knierim, F., 2776*, 2832*
Knight, J., 3026*
Knight, R., 72*, 540, 2266*, 2779
Knight, W. B., 520
Knipfel, J. E., (2970)*
Knülle, W., (1893)*
Kobayashi, H., (2053)
Köberle, F., 437, 1676
Kobrinsky, G. D., 1013
Koch, A., 879
Koch, I., 2757
Kocher, R., 2930*
Kochupillai, N., (1140)*
Kodicek, E., 1105
Koesharjono, C., 2136*
Kohn, A., 438
Kohout, E., 738
Kojima, S., 334*
Koldovský, O., 219
Kolpin, C. E., (384)*
Komorowski, A., 1257
Kondig, J. P., 2751*
Kondo, K., 2844*
Kone, I., 971*
Konfortion, P., 13*
Konichi, S. R., 2133*
Königk, E., 437, (665)* (1923)*, (2699)*
Konitz, H., 237*
Konlande, J. E., 369*
Kononova, D. G., 2471
Konotey-Ahulu, F. I. D., 150*, 1110*
Konovalova, L. M., 335
Koontz, L. C., 1697*
Koop, E., (3017)*
Koperszytych, S., 744*
Koprowski, H., 272*
Koransky, J. R., 1288*
Korb, G., 2417
Kordy, M. I., 2504, 2505
Kornblum, R., 791*
Korobeinik, N. V., 1488
Korovkina, G. V., 1011
Korsch, M. J., (1976)*
Kortmann, H. F., 1426*
Kosakal, S., 5*
Kosasih, E. N., 1821*
Koshi, G., 1265
Kosmacheva, S. A., 2459*
Kotlyarova, R. I., 722*, 1012
Kottler, R., (1986)*
Koura, M., 326*
Koutras, D. A., 883
Kováčová, E., (498)*
Kovalenko, F. P., 1545*
Kovaleva, V.Ya., 427
Kowarscheff, P., 723*
Kowarski, A., 1577*
Kozlowska, D., 111*
Kram, K. M., (1806)*
Kramář, J., 75*
Kramar, V. S., 2040
Krasnik, F. I., 2468*
Kraus, A. P., 590*
Kraus, L. M., 590*
Krause, D. W., 2783*
Kreier, J. P., (958)*, (2704)*
Kreisler, M., 2003
Kręska, B., 56*
Kress, Y., 69*
Krettli, A., 1434
Kreutzer, E., 967*
Kreutzer, R. D., 629*, 2390*
Krishnamachari, K. A. V., (1580), 2159
Krishnamurthy, B. S., 2996, 2997*
Krishna Murti, C. R., 1022*
Krishnan, A. D., 1286*
Krishnan, K. S., (446)*
Krishna Prasad, B. N., 1745*, (1989)*
Kritsky, D. C., 2836*
Kritzinger, E. E., 1578
Kriz, J. J., 801*
Krogstad, D. J., (1152)*
Kronenberg, H., (1116)*
Krotoski, W. A., 21, 1694, 2427*
Krotov, A. I., 1545
Kruatrachue, M., 2424*
Krubwa, 131*
Krupp, I. M., 1278, 2512
Kubba, K., 162*
Kudo, M., (1828)*
Kudryavtseva, N. F., 2040*
Kuhlow, F., 203*, 2400*
Kühn, D., 397
Kulapongs, P., 2600
Kulasiri, C. de S., 2361
Kulczyńska, T., 2485*
Kulkarni, S. M., 893*
Kuls, W., 1413*
Kumar, A., 1029
Kumponpant, S., 994*
Kundra, S., (915)*
Kung'u, A., 702
Kuntz, R. E., 1558*, 2545*
Kunz, C., 1682
Kuo, C. C., 2375
Kurachi, S., 2111*
Kurantsin-Mills, J., (1828)
Kurimoto, H., 2844*
Kurusaqila, A., 2588*
Kusui, Y., 1075*, 2059*, 2845*
Kuteyi, K., 2239*
Kutsumi, H., 439*
Kutty, M. K., 2381*
Kutuza, S. B., 690*
Kutz, F. W., (2864)
Kuzikov, I. V., 2460*
Kuznetsova, M. A., 2164*
Kuznetsova, O. E., 1545*
Kvasz, L., 2270
Kwapinski, E. H., 2006*
Kwapinski, J. B. G., 2006
Kwo, E. H., 1329*
Kyrönseppä, H., 2315*

L

Laarman, J. J., 1993*
Laasberg, L. H., (1112)
Labarthe, D., 428
Labegorre, J., 2967*
Labossiere, A., (157)*
LaBrecque, G. C., 422*, 1167*, 1168*, 1176*, 1393*, 1646*, 2387*
Lacaz, C. S., 218, 1672*
LaChance, L. E., (1195)*
Lacoste, J. P., 1854*
La Croix, J. T., 2784*
Lacson, P., (1630)*
Ladavic, J., (619)*
Lafrenz, M., 601
Lage, H. A., 398*, 399*
Lagoutte, J., 761*
Lagraulet, J., 351, 2061
Lahimgarzadeh, A., 139*
Lahiri, S. K., (127)
Laing, A. B. G., 2202, 2204
Laino-Azzarini, L. S., 2711*
Lainson, R., 490*, 704, 1946, 1948*
Lakhani, A. G., (2243)*
Lakhani, K. H., (2987)
Lakshimi, S., (2647)*
Lakshmi, M. B., (915)
Lal, M., 126*
Lal, M. M., 2156*
Lalazarova, I. G., 717*
Lama, A., 2627*
Lama, G., 1363
Lamba, J. S., 1465*
Lambert, P. H., 2195
Lambotte, C., 2103
Lambros, C., 2447*
Lamers, H. J., 2971*
Lamina, J., 1786
Lämmler, G., (360)*, 780*, (1337)*, (1803)*, 2073, 2300
LaMontagne, M. P., 1698
Lamontellerie, M., (807)
Landau, I., 1148
Lang, A., 155*, (2915)*
Lang, J. D., (2673)
Langley, P. A., 46*, 2220*, 2724
Langreth, S. G., 1442, 2454*
Languillon, J., 1034, (2004)*, 2277*
Lanham, S. M., 688
Laniece, F., 63*
Lanotte, G., 699*, 700*, 979*, 2458
Lanza, G. R., 2030*, 2302*
Larcher-Fourrier, M. F., (794)*
Larghi, O. P., 275
Laroche, R., 1381*
Larsen, Ø., 1752
Larson, C. L., (2740)*
Larson, L. B., (1103)
Larson, S. M., (2803)*
Laser, H., 2195
Lassale, Y., 835*
Lastovica, A. J., 1744
Latham, M. C., 138*, 2596*, 2884*
Latif, B. M. A., 686

Lau, T. J., 801*
Laufer, A., 2417
Laufer, H., (2395)*
Laurence, B. R., 890, 1640, (2320)
Laurentin, M. F., (3008)*
Lauria, L., 2541*
Laveissière, C., 1448, 2222*
Lavoipierre, M. M. J., 816, 1885*, 2325*
Lavrova, M.Ya., 2460
Law, D. K., 376
Lawson, M. A., 920*, (1397)*
Layton, E. C., (2410)*
Lazzaro, C., 493*
Leahy, M. G., 924
Leakey, C. L. A., 1677
Learmonth, A. T. A., 1682
Leary, P. M., 2327
Lease, E. J., 1069*
Lebedinets, N. N., 2164*
Lebez, D., (1597)*
Le Bras, M., 682
Le Bras, S., 922
Lechat, M. F., 1753
Le Corroller, Y., 554*
Ledger, J., 750*
Ledoux, L., 2195
Ledovskaya, A. P., 722, 1012*
Lee, C. M., 670, (2207), (2208)*
Lee, C. W., 2166
Lee, D., 520*, 1300, 1962
Lee, H. H., 788
Lee, J. A., 2414
Lee, K. M., 2036*
Lee, K. W., 1160*
Lee, M., (2099)*
Lee, O. R., 2036*
Lee, P. R., 2074*
Lee, S. Y., 175, 800*, 868*, 1555*
Lee, V. H., 1469, 2239*
Lee, W. K., 2036
Lee, Y. K., (2680)
Leek, J., 1748*
Lees, R. E. M., 1024
Leffingwell, L., 1476*
Legait, J. P., (1238)*, 2218*
Leger, N., (2171)*, 2172*, 2173*, 2556
Leger, P., 2556*
Legner, E. F., 420
Le Gonidec, G., 1468*, 2240
Legters, L. J., 53*
Lehmann, H., 155*, (157)*, 385*, 387*, 1121*, 1346*, (1593)*, (1834)*, 2913*, (2915)*
Leiby, P. D., 2836
Leid, R. W., 1777*
Leinikki, P., 2235*
Leininger, J. R., 1795*
Leite, A. N. G., 1227
Leksana, S. B., 2136*
Lelchuk, R., (1937)
Lelijveld, J., 1426*
Leloup, P., 855, (2354)*
Le Mao, G., 2218*, 2501*
Le Ming Hang. (2301)*
Lemma, A., 1162*, 1712*
Len, L., 3026*
Lenfant, C., (2916)*
Leng, Y. P., 908*
Leone, R., 1855
Le Pelletier, L., 2691
Lepeš, T., 2414
Lepp, D. L., (1994)
Lepr. Rev., (1754)
Le Ray, D., 1746*
Leresche, J., 1354*
Leshkovich, L. I., 716
Letonja, T., 2869
Letsky, E. A., 2112*
Leuchars, E., 1454*
Leuchte, S., 1966*
Le-van-Hoa, 2058
Levi, S., (1592)*
Levin, J., 2*, 1006*, 2893*
Levine, H. B., 179
Levine, P. H., 189, (617)*, 1868
Levison, M. E., (1988)
Le Vourch, C., 835*
Levy, L., 1289*, 1766*
Levy, L. F., 1618
Levy, M. R., 2694
Lewert, R. M., 2543*, 2549*
Lewis, A. N., 230
Lewis, D. J., 656, 1637, 2403, 2743
Lewis, J. P., 383*
Lewis, V. J., 500, 2486
Li, S. C., (1357)*
Liao, S. C., 369*
Libonati, J. P., (2253)*
Lichtenstein, L. M., (1982)*
Lie-Injo Luan Eng, (1122), (1593), 1821
Lie Kian Joe, (545), (1054), (1055), 2302, 2308*, (2562)*
Lien, J. C., 1689*, 1692*, (2394)*, 2470*
Liener, I. E., (1345)
Lim, B. L., 1151*, 2749*
Lim, H. K., (545)*, (1054)*, (1055)*
Lim, K. A., 1877*
Lim, S. K., 1153, 1154
Lima, A. O., 743*
Lima, J. W. A., (321)*
Lim Kee Chong, 2362*
Limpongs, K., 2424*
Lin, C., 3002*
Lin, S. Y., 167*, 175*, 1555*
Lindahl, T., (2962)
Lindenbaum, J., (2338)*
Lindholm, L., (1269)*
Lindo, S. D., 2644
Lindqvist, K. J., 611*, 2639*
Ling, K. H., 167*
Linhard, J., 2104, 2517
Linnell, J. C., 1624*
Linnemann, C. C., Jr., 987
Lins, Z. C., 1383*
Linsell, C. A., 187*
Linzen, B., 1679
Lipman, M., (1931)*
Lipschitz, D. A. (2329)*
Lisker, R., 2331
Little, A. J., 587*
Little, M. D., 1553, 2037*
Little, R. V., (2242)*
Littman, M. L., 1378*
Liu, C. S., (2618)
Liu, K. H., 123*, 175*, 800*, 868, 1555*
Liu, Y. K., 2905
Livingston, G. E., (2882)*
Ljungqvist, B., 1098*
Llatas Escrig, D., 113*
Llera, R. F., (1321)*
Lloyd, D., (622)*
Lo, C. T., (107), 2304*, (2561)
Lobanov, V. V., 1731
Lockwood, W. B., (1109)*
Lodish, H. F., (1364)*
Loefler, I. J. P., 2417
Loening, W. E. L., 2594*
Lofgren, C. S., (423)
Lofgren, M., 300*, (747)*
Lofti, M., 95*
Lohr, D. C., 1954*
Loison, G., 1473
Lollo, N., 1297*
Londero, A. T., 1129
Londner, M., 1935*
Long, E. C., 1196
Long, M. I. E., 1677
Lönnroth, I., (1269)*, 1733*
Lontie, M., 131*
Lopatkin, O. N., 722*, 1012*
Lopes, E. R., 33, 249*, 966*
López-Habib, G., 2331*
Loppinet, V., (1238)
Lorch, I. J., 1201
Loretu, K., 57*
Lorkin, P. A., 387*, (1834)*, (2915)*
Losev, O. L., (1632)
Loseva, N. L., 1731*
Losos, G. J., 690*, (1443)
Lötzsch, R., (2731)
Louie, J. S., 1288
Lourenço, M. C., (2493)
Loures, L., Jr., (1702)*
Louzada, J. L. Z., 2807
Love, R. J., (347)*, (1331), (2054)*
Lovekar, C. D., 802*
Lovemore, D. F., 2721
Low, S. J. M., 2797
Lowe, D. A., 1900
Lowe, J. E., (1806)*
Lowe, R. F., 1878*
Lowenstein, F. W., (1341)*, 2875
Lowenthal, M. N., 1873*, 2449*
Lu, L. C., 1183*
Lu, Y. S., 1362*, 2348*
Luan, H. W., 2953
Lubin, A. H., (1806)*
Lubiniecki, A. S., 1340*, 1567, (2328)*, (2871)
Lucas, J. P., 1567*, (2871)*
Ludlam, K. W., (2668)
Luffau, G., 2838*
Lukow, I., (665)
Lumb, G., 680*
Lumsden, W. H. R., 654, 937, 1676, 2448
Lundbergh, P., 953*
Lupaşcu, G., 77*
Lurie, A., 2*
Lurie, A. A., 3014*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Lushbaugh, W. B., (1983)
Lust, G. L., 106*
Lwanga, S., 1615*
Lying-Tunell, U., 953*
Lynch, S. R., 2082*
Lyons, G. R. L., 2578
Lyons, K. M., 1678
Lyons, S. F., 2249*
Lysek, H., (2841)

M

Maasch, H. J., 808
Maberley, A. L., 112*
MacArthur, R., 1777*
McBean, M., 1627*
MacCabe, R. J., 345*
MacCaig, J. N., 1956*
McCall, J. W., 355
McCallister, B. D., 2417*
McCance, R. A., (830), 1677
McCann, T., 2773*
McCarthy, V. C., 8*, 11*, 229*, 447*, 949*, 1691*
McClelland, G. A. H., (1173), 1885*
McClung, N. M., 2006*
McComb, D. E., 402*
McConnel, E., 2850
McConnell, E. E., 871, 1711*
McCormack, W. M., (2245)
McCowen, M. C., 413*
McCown, J. M., 995*
McCrae, J. E., 1677
McCullough, B., 2966*
McCurdy, P. R., 152*, 163
McDade, J. E., 2783*
McDaniel, H. C., (929)*
McDermott, S. N., 2184*
MacDonald, A. B., 402*
MacDonald, B. S., 12*
Macdonald, F., 1770
McDonald, F. J., 2193
McDonald, I. C., (3011)
McDonald, J. L., 204, 921, 1183
Macdonald, W. W., 354*, (633)*
McDougall, A. C., 84, 2009*, 2801
McDougall, C., 1762*
McDowell, J., 1677
Macêdo, V., 1704, 2719*
McFadzean, A. J. S., 1820*
McFarlane, H., (1575)*
McGeeney, K., 2358*
McGhee, R. B., 1439
McGinn, M., (1130)*
McGlashan, N. D., (939)
McGovern, T. P., 2397
McGreevy, P. B., 1885
McGregor, I. A., 946*, 947*
McGuire, E. J., 680
Machado, A. J., 1060
Machado, P. A., 603, 1672*
McHardy, N., 192*
Machnicka, B., 2045
Macias, E. G., 618
McIntosh, A. H., 81*
McIntosh, S., 1361*
Mackay, A. M., (144)*
Mackay, D. M., 2679
McKelvey, J. J., Jr., 1419
MacKenzie, P. K. I., 2722
McKinney, B., 1625
McLachlan, G., 652*
McLaren, D. J., (1073)
McLean, R. G., 1258*
McLellan, D. L., 2684*
McLintock, J., 1394*
McManus, A. T., 2473*, 2751
MacNab, G., 509*
McNabb, P. C., 1881*
Macnamara, F. N., 654*, 2753*
McNeillage, G. J. C., 937*
McReynolds, E. W., 1254
Madadi, H., 824*
Madan, M., 1246*
Madesayya, N. M., 1643*
Madiera, H., 2417*
Madkour, M. T., (2017)*
Madonia, E. C., 952*
Madrigal, H., 2879*
Maeda, T., 439*
Maegraith, B. G., 1200, 2414
Maekelt, G. A., 654
Maertens, K., 1793*
Maffi, M., 1883, (2385)
Magalhães, L. A., 1309, 1310, 1316, 1317
Magalhães, P. A., 268*, 492*
Magayuka, S. A., 1563
Magnani, M. A. C., 34
Magnius, L., 1505*
Magrath, I. T., 1145, 1615
Maguire, T., 2753
Magzoub, M., 102, 2552, 2819
Mahadevan, B., 1464*
Mahajan, R. C., 2262, 2506, 2622
Mahdi, A. H., 870*
Mahgoub, E. S., 1375, 1612*
Mahloudji, M., 2084*
Mahmood, L., 152*
Mahmoud, A. A. F., 1147
Mahoney, D. F., 654
Mahoney, M. J., 2342*
Mahran, Z. Y., (2592)*
Maier, W. A., 667
Maillot, L., 972
Maire, M., (2921)*
Maĭskiĭ, V. G., 717
Maistre, B., 1541*
Maiti, M., (726), (2769)*
Maitra, S. C., 1745, (1989)
Majeed, A. M. A., (2048)
Majori, G., (1175)*
Majumder, P. K., 1735*
Makene, W. J., 2417
Maklad, M. N., 2848*
Makres, T. D., 1881*
Malacarne, P., 2911
Malatesta, C., (1903)*
Malaviya, A. N., 516
Malchow-Møller, A., 1293
Maldonado, M., 379*
Maldonado, N., 163*, 2101*
Malec, R., 2485
Maletnlema, T. N., 370
Malherbe, H. H., 871*
Malik, M. O. A., 2455*, 2958
Malik, O. A., 1612*
Mallack, J., (2667)*
Mallavia, L. P., (1953)*, 1959*
Malone, J. B., 355*, 1795
Mamo, A., (846)*
Mancilla, R., 258*
Mandoul, R., 2126*
Manejias, R., 153*
Manerkar, A. N., (2276)*
Mann, J. I., (1343)*
Mann, J. R., 2108
Manni, J. A., (1937)*
Manning, D., 1681
Manning, E. B., (1343)
Manning, J. C., 685*
Manning, J. M., (1114)*, 2110
Mannweiler, E., 506*, 1634*
Manny, N., 2613*
Manouchehri, A. V., 2402
Mansfield, J. M., 259*
Mansour, N. S., 760, 982*, 1711
Mantero, E., 860*
Mantovani, E., 2142*
Manzillo, G., 1484*
Mar, I. D., 1628
Marañón, R. M., 459
Marc, J., 2127*, 2128*, 2129*
Marc, Y., 2127, 2128, 2129, 2130*
March, Y., 365*
Marchi, C., 1363*
Marealle, A. L. D., 370*
Marelli, A., 2610*
Maretić, Z., (619)
Margolis, L., 1537
Margono, S. S., 1059*, 2577
Maria, T. A., 966*
Mariappan, M., 2692*
Mariat, F., 1416*
Marill, F. G., (411)
Marinho, R. P., 1044*, 2025, 2292
Marinou, A., (2882)
Markovac, A., 1698*
Marks, A., 2954
Marks, E. P., 3001*
Marks, R., 1752
Markus, M. B., 2936
Marmion, B. P., 1421*
Maroja, O. M., 1383*
Maroli, M., (1175)
Maroun, N. A., (210)
Marovich, N. Ya., (2973)
Marques, M. R., 2291*
Marr, A. G. M., 2359*
Marr, J. J., 2227*
Marracino, F., 80*
Marsden, P. D., 1425*, 1706*
Marsh, N. A., (856)
Marshall, J., 220
Marshall, J. D., 1481*
Marshall, J. D., Jr., 53*, 1007*
Martin, D. C., 10, 2425*
Martin, D. H., 632
Martin, M. L., (2750)*
Martinelli, R., 319*
Martinetto, P., 827*
Martinevsky, I. L., 277
Martinez-Palomo, A., 67, (737)*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Martins, A. R., 1129*
Martins, C. M., 1887*
Martins, S. P., (1225)*
Martins Campos, J. V., (461)
Marton, K., 1127, 2627
Márton-Ecsi, E., 2627*
Maryon, M., 1913*
Marzan, A. M., 1818*
Masawe, A. E. J., 839, 1872, 2599
Mascaro, J. M., 2580
Masihi, K. N., 859*
Mason, J., 224
Mason, J. B., 1354, (1812)
Mason, R. A., 269
Mason, R. G., (1833)*
Massacrier, A., 283*
Massoth, D. M., (1103)*
Massoud, J., 104, 755*, 2028, (2031), (2032)
Massumi, R. A., 2417*
Mataika, J. U., 2753*
Mathes, P., 2417*
Mathews, H. M., 1208
Mathis, H. L., 911*, 1170*
Mathur, P. S., 2964*
Mathur, Y. C., 1908*
Mathurin, L., 1411
Matola, Y. G., 1426
Matossian, R. M., 1845
Matrakul, D., 956*
Matsaniotis, N., (849)*
Matsuda, H., 439*, (785)*
Matsuo, K., 1329*, (2394)
Matsuo, Y., 2802
Mattei, X., 2873*
Mattern, C. F. T., (1504)*
Matthews, D. M., 1624*
Matthews, G. A., 647
Matthews, J. I., 3
Mattingly, P. F., 1637
Mattos, O., 743*
Matui, A., 1075*
Mauel, J., 2464*, 3026
Maung, M., 803
Maurer, H. M., 1829*
Maxwell, L., 239*, 240*
May, J. M., 2684
May, Y. Y., 626
Mayende, J. S. P., 467*
Mayer, P. J. T., 2742
Mayet, F., 2082*
Mayrink, W., 268*, 492*, 2225
Mazabel, C., 2563*
Mazaud, R., 349
Mazur, T., 1274*, 1281*, (2268)*
Mbelwa, D., (2080)*, 2876*
Meade, T. W., 1028*, 1757
Meadows, R., 2652*
Méchali, D., 2423*
Méd. Afr. Noire, 682
Medeiros, D., 1973*
Medford, F. E., 2520
Medina, P., 60*
Medina, R., 491
Medved, R. A., 420*
Meerovitch, E., 730*, 1279
Mehlhorn, H., (394)*, (1842), (2122)*
Mehrotra, T. N., 850*
Mehta, B. C., 2608
Mehta, J. S., 516*
Mehta, S., 78*, 2964*
Meibos, H., 2231*
Meier, T. J., (1888)*
Meira, J. A., (964)
Mekhedov, L. N., 1731*
Mellander, O., 1098*
Méllo, Á. V., 1097
Mello, D. A., (1782)
Mellor, P. S., (2070)
Melmed, M. H., 364*
Melnikova, Z. A., (1647)
Melo, C. R., 2950
Melo, I. S., 2809*, 2950*
Mendes, E., 218
Mendes, N. F., 744
Mendes, S. R., 254*
Méndez, M., 2752
Menes, S., 37*
Menezes, H., 1934, 2215*
Menon, P. K. M., (127)*
Mensah, A., 2283
Menu, J. P., 611*
Menzies, I. S., 1591*
Meran, A., 2930*
Mercado, T. I., 25
Mercier, J., 1514*
Mercier-Parot, L., 2450*
Mered, B., (282)
Merehau, M., 2061*
Mergen, A. M. R., 331*
Merino, D. J. R., 724*
Merklen, F. P., 1511
Meroth, Y., 1620*
Mesa, J., 79
Mesghali, A., 196*
Mesina, J. E., (2654)
Messeri, E., (2209)*
Metaxotou-Mavromati, A., 385*
Métrat-Dumont, O., 597
Mettrick, D. F., (2043)*
Metz, J., 2*
Metzger, J. F., 2771*
Meuwissen, J. H. E., 1426*, 2686*
Mews, A. R., 46*
Meyer, B. J., 1275*
Meyer, H., 1840, (2703)
Meyer, K. F., (1009)*
Meyers, W. M., (1548)*, 2382*, 2966
Meymarian, E., 692*, 1532*
Mezzadra, G., 493
Mhalu, F. S., 2639
Michael, A. G., 1638
Michail, J., 843*
Michel, R., 1738
Michelsen, A., 1679
Micks, D. W., 2391
Migeon, C. J., 1577*
Miguel, M., 2334
Mikem, P., 284*
Mikhail, I. A., 1050*
Mikhail, J. W., 982
Milanesi, M. L., 367*
Milder, R. V., 1229, (2705)*
Miles, J. A. R., 2753*
Miles, L. E. M., (2329)*
Milgram, J. W., 2364
Millan, J., 2479*
Miller, D. R., 2110*
Miller, G., 190*
Miller, G. J., (1823)
Miller, J. H., (1983)*
Miller, L. H., 955, 1697*, 2430*, 2435
Miller, M. B., 451, 1359, 1954
Miller, M. J., 769
Miller, R. M., 8*, 11*, 229*, 949*, 1691*
Miller, T. A., 919*, 920, (1397)*
Millikan, L. E., 858*
Milner, P. F., 2109, 2341*
Miltgen, F., 329*
Mina, A., 2074*
Minami, K., 1256
Miner, K. M., 302*
Ming-Hua, C., (549)*
Mingir, G., 1063*
Miñoso, M. H., (1330)*
Minton, S. A., Jr., 2194
Miranda, D., 2628*
Miranda, R. N., 2275
Miranda, R. P. G., 2275*
Mirsky, V.Ya., (2469)*
Miščević, Z., 1400*
Misenzhnikov, A. V., 1250*, (2469)*
Mishra, S., 2891*
Misra, B. S., 1732*
Misra, K. K., 481*
Misra, R. C., 2337*, 2590*
Missão de Combate às Tripanossomíases, Angola, 1708
Mitchell, A. D., 2690
Mitchell, G. W., Jr., (2096)*
Mitra, P., 1726*
Mitrakul, C., 1371
Mitrovic, M., 1774*, 1775*
Miura, T., 635
Miyagi, I., (1395)
Miyamoto, J., (2179)*
Miyamoto, K., 2845*
Miyazaki, I., 2563
Mizrahi, G. K., (2586)
Mizusaki, K., (2605)*
Mlejnek, R. V., (2922)*
Mobedi, I., 796, 824
Moch, R. W., 114*, 869*, 2046
Moczoń, T., (2042)
Modell, C. B., 2609*
Modiano, G., 2195
Moffat, K., 2902
Moghazy, M., 92*
Mogi, M., 917
Mohamed, A. H., (168), 390, 853, 1595, 2356, (2614), (2616), 2920
Mohamed, N. H., 125*
Mohan, K., 486*, 1246
Mohan, R. N., 1802
Mohanram, M., 2891
Mohan Rao, V. K., 1496*, 2511*
Mohr, W., 437, 506*
Mohsenin, H., 1843

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Moir, D. H., (2910)
Mokheisen, A. M., 2531*
Moleiro, F., 1676*
Molesworth, B. D., 2946*
Molimard, R., 1559*
Molina V., C., 2914*
Molinari, J. A., (2328)*
Molitor, J. T., 3*
Mollica, F., 1118*
Moloo, S. K., 469, 690, 694, 977, 2220
Molteni, O. A., 1935
Molyneux, D. H., 28, 687, (691), 970*, 1947, (2732)
Monath, T. P., 1469, 2239
Moncada, L. H., 2942*
Moneim, W. A., 2508*
Monseur, J., 761
Montaron, J. M., 820
Monteiro, A. A., 2541*
Monteoliva Hernandez, M., (557)
Montero, A., 2567*
Montilio, B., 1716*, 2461*
Montuori, W., 233*
Moodie, P. M., 1414
Moore, C. G., 1962*
Moore, D. L., 1001*
Moore, D. V., (1899)*
Moore, G., 2078*
Moore, J. A., 1558*
Moore, M. N., (544)
Moore, P. J., 2862*
Moore, W. E. C., 1583*
Moraes, M., 1798
Morales, A., 995
Morales, E., 1355*
Morales, J., 1226*
Morales-Ayala, F., 993
Moravenik, M., 1226*
Morbid. Mortal., 59, 231, 1251, 1255, 2241, 2422, 2484, 2761, 2762
Moreau, J. P., 1472*
Morehead, C. D., 2892
Morehead, M., 2892*
Moreira, H., 2718
Morel, P. C., 2180
Morel-Vareille, C., (108)*
Morera, P., 1556
Morgan, C. W., 2758*
Morgan, H. V., 1914*
Morgan, N. O., 1190, (3003)
Morgan, P. B., 3015
Morin, O., 2804
Moris, R., 2966*
Morisset, R., 1605*
Morita, H., 2764*
Moritz, M., 1492
Morley, D., 183*, 1198, 1569*, 1669, 2189*
Morokuma, K., 334*
Moronfoye, I. S., 2621*
Morozov, Yu.I., 2476*
Morris, G. K., (2245)*
Morrison, J. F., 2318*
Morrison, J. G. L., 1611*
Morrow, R. H., 406*
Morsy, T. A., 2310*
Morton, J., 1701*
Mós, E. N., 2943, 2944
Moshkovsky, Sh. D., 226
Mosley, W. H., 1730*, 3020*
Mossadegh, A., 14
Most, H., 447*, 1553*
Mota, N. G. S., 744*
Motabar, M., 14*, 196*, 636*, 2981
Motomoya, N., 2840*
Moulinier, C., 2126
Mount, G. A., 421, (423)*, (2978), 2979
Mousa, A. H., 97*, 2265*
Mousa, W., (948)
Movafagh, K., 824*, 1089*
Movsesijan, M., 1400*
Moyle, G. G., 2135*, (2935)*
Mozar, H. N., 61
M'Poutou, F., (3008)*
Mshelbwala, A. S., 1444*
Mtoi, R. S., 2023*
Mueller, J. F., (1538), 1539, (1898)
Mühlpfordt, H., 29
Muindi, J. M., 2599*
Mukerjee, S., 2498*, 2499*, 2772*
Mukherjee, D. P., (847)*
Mukhtar, H., 2511*
Mukkada, A. J., (1950)
Mulla, M. S., (1658)*, 2664*, 2977
Müller, B., 2835*
Müller, B. E. G., (394)*, (2122)*
Muller, H. E., (1486)
Müller, M., 1090*
Müller, P., 1682
Muller, R., 620*, 1023, 2650*
Müllner, F., 396*
Mulvihill, G., (2087)*
Mulvihill, M., (2087)*
Mummert, K., 1824*
Munday, B. L., 2624*
Munir, A. M., 863*, 864*
Muñoz Rivas, G., 2529
Mur, A., 2127*
Mura, G., 2656*
Murakami, F., 2034*
Murphey, F. J., (2665)*
Murphy, J., 2358*
Murray, E. S., 2465*
Murray, H. W., 1378
Murray, K. F., 53*
Murray, M., 49*, 654
Murray, P. K., 49*
Murthy, M. S. K., 2638*
Murthy, V. S., (2157)*
Murugasu, R., 784, 1750*, 2303
Musacchio, M. O., 1840*
Musallam, N., (1844)*
Music, S., 1719*
Music, S. I., (2253)*
Mussi, R. J., 2941
Musumeci, S., 1118*, 2226
Mutafova, T., (1070)*
Mutinga, M. J., 323*, 702*
Muul, I., 1151, 1252*, 2749
Mwambu, P. M., 467*
Myamba, J., 918*
Myasnikov, Yu. A., 861*
Myers, B. J., 1558*
Myers, R., 590*
Myers, W. F., (1961)*
Myjak, P., 1274*, 1281*, (2503)
Myrvang, B., 82, 297*, 301*, (747)*, 2788

N

Nabede, A., 284*
Nabembezi, J. S., 2151*
Nabih, A. E., 2811*
Nabli, B., 609, 1861
Năcescu, N., (2254)
Nadenić, L., (619)*
Nadim, A., 1248
Nag, J., 2449*
Nagahana, M., (2053)*
Nagano, K., 1784*
Naggan, L., 944
Nagle, R. B., 1453
Naidoo, P. M., (1986)
Naik, K. G., 267*
Naik, S. S., 1027*
Nair, C. P., 445
Naismith, D. J., 1814
Nájera, A. D., (2974)
Nakabayashi, T., 945
Nakamura, M., 1767, (2011)*, 2533, 2534
Nakao, M., 389
Nakashima, A., 439*
Nakashima, M., 2038*
Nakashima, T., 439*
Nakatake, Y., 1239*
Nakatomi, M., 2038*
Nakayama, T., 389*
Nalin, D. R., 3020
Naoemar, S. A., 735
Narang, N., (1166), (2976)*
Narang, S., (1392) (1166)*,, (2976)
Nash, C., 2758*
Nash, T. E., 2553
Nasika, E., 385*
Nasr, K., 139*
Nasr, N. T., 870*
Nasr, T., 2824*
Nassar, A. M., (2592)
Natalizi, G. M., 1194*
Natarajan, M., (116)*
Natarajan, P. N., 130*, (575)
Nath, I., 2526
Nath, S., 2514
Nathan, D. G., 1111*, (1115)*, (1364)*
Nathan, R. D., 1623
Natheewattana, N., 669
Naumann, G., 601*
Navalkar, R. G., 1515
Nave Rebollo, O., 223
Nawar, N. N. Y., (2616)*
Nayar, J. K., (894)
Ndugwa, C. M., 382, 522
Neafie, R. C., 2323*
Neal, C., (2211)*
Neal, R. A., 2257
Neale, G., (147)
Nebout, M., 517

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Needham, P. H., 930*, 2674*
Neefe, L. I., 1549
Neelakantan, C., 2090*
Negassi, K., 83* 300*
Neis, R., 1525*
Nejmi, S., 598
Nelson, G. S., 103*, 104*, 810*, 1048*, 1524*, 2065*, 2546*, 2856*
Nelson, L. L., 919, 920*, (1397)
Nelson, M. J., 1170*
Nelson, P., (663)
Nenonene, J., 284*
Neronov, V., 926*
Neronov, V. M., 2474*
Nery-Guimarães, F., 398, 399
Nethercott, A. S., 2198
Neu, C., (1950)*
Neuman, D. A., 12*
Neumeyer, J. L., (2701)*
Neva, F. A., 1214*, 2203, 2427*, 2553*
Neves, D. P., 39*, (2386)
Neves, J., 521*, 1044, 1041*, 2025*, 2292*
Newberne, P. M., 1617
Newton, B. A., 1676
Ng, H., 1766
Nganda, T. N., 2417*
Ngoka, J. M., 702*, 1713*
Nguematcha, R. 149
Nguete-Kikhela, 131*
Nhuan, D. T., 1790
Niang, I., 2510*
Niazi, A. D., 2568
Nicholas, W. L., 1678
Nichols, B. L., 2589
Nichols, R. L., 402
Nickel, C. A., (3012)
Nickel, S., 792*
Nicoll, A. M., 294
Nicolson, I. C., 1596
Nigen, A. M., (1114)
Nikolskaya, V. N., 985*
Nimbkar, Y. S., 1483
Nimitmongkol, N., 1018*
Niswander, J. D., 932*
Nitti, J. F., 166*
Nobile, S., 2097
Noble, J., Jr., 1384
Noblet, R., 1440*, 1441
Nocke, H., 1679*
Nogueira, J. L., 834*
Nohmi, N., 2291*
Nojima, H., 2038*
Nord, E., 140*
Nordberg, E., (933)*
Norden, D. A., 314
Norgaard, R. P., 1741*
Norland, R. L., 2977*
Norman, L., 194
Norment, B. R., (1639)*, 2167*
Norrington, F. E., (2700)*
Norris, H. T., (1736)
Northrop, R. L., (2489)*
Notananda, V., 2689*
Nouel, R. L., 2923
Nouri, L., 1457
Novoseltsev, N. N., 2490
Nozaki, M., (2116)
Nunan, B., 249*
Nunes, A., 2628*
Nurse, G. T., 509, 1346*
Nusbacher, J., 153*
Nussenzweig, R. S., 233, 1434*
Nute, P. E., (851)
Nutr. Rev., 1093
Nuttman, C. J., (1529)
Nwokolo, C., 548, 1057*, 2829*
Nwokolo, U., 2806
Nwosu, G. C., 371
Nyame, P. K., (586)
Nyirady, S. A., 679
Nzaro, E., 2601*

O

Oakley, M., 2417
Oban, E., (814)*
Oberle, M. W., 2893
Obiamiwe, B. A., (633)
Obijeski, J. F., (1953)*, (2750)*
O'Brien, R. T., 159, 1361*
Obudho, W. O., 918*
O'Connell, D. E., 2875*
O'Connor, G. R., 2124
O'Connor, M., 1676*
O'Conor, G., 189*
Oda, K., 55*
Oda, T., 203, 439*, 1659, 2400
Odell, G. V., (171)*
O'Dell, W. D., 1991
Odelram, H., 823
Oduori, M. L., 2642
Oehler, D. D., (2409)*
Oelerich, H., 2829
Oelerich, S., 412, 1634
Oemijati, S., 561*, 1689*, 1771*
Oertley, R. E., 402*
Off. Rec. Wld Hlth Org., (429), (1673)
Offori, E. D., 46*
Ofosu-Amaah, S., (580)*
Ogada, T., 683
Ogawa, T., (2536)
Ogbeide, M. I., (1575)*
Ogden, L. J., 2491*
Ogilvie, B. M., (1073)*, 3026
Ogionwo, W., 215
Ogston, D., (2119)*
Ohlrogge, R., 1
Ohnishi, T., 2345*
Ohno, Y., 466*
O'Holohan, D. R., 2322
Ojiambo, H. P., 2417
Ojo, G. O., 2417
Okafor, S. N., 2637*
Okamoto, K., 1329*
Okeahialam, T. C., (2187)
Okoth, J., 637
Okubo, K., 706*
Okuda, K., 334
Okuwobi, B. O., 2417
Oldroyd, H., 1637
Olitzki, A. L., 2274, 2786
Oliva Barreiro, M. J., (1277)*
Oliveira, A. R., 251
Oliveira, E., (321)*
Oliveira, G. S. C., 508*, 1284
Oliveira, J. A. M., 462
Oliveira, J. S. M., 460*
Oliveira, M. R., (98)*
Oliveira, R. L., 980*, (1225)*
Oliver, I. T., 219
Oliver, J. H., Jr., (1407)*
Ollerenshaw, C. B., 2650
Oloya, J. J., 1677
Olsen, E. G. J., 2417
Olson, L. J., 654
Olson, R. E., 2600*, 2892*
Omar, M. S., 454, 1694*
O'Meara, G. F., 201
Omer, A., 1815
Omer, A. H. S., 758*, 759*, 2024
Omer, O., 667*
Omori, N., 439
Onejeme, S. E., 2637*
Ong, H. C., 2582
Ongom, V. L., 1797, 2955*
Onyango, R. J., 467*, 468
Onyango-Abuje, J. A., 2311
Oomen, H. A. P., 375, 2633
Oomen, J. M. V., (2081)
Oomen, L. F. A., 323*
Oon, B. B., (1763)
Oppenheim, J. J., 2687*
Opromolla, D. V. A., 742*, (2605)*
Or, A. N., 181*
Ord, M. J., 1201
Ordinario, E., 2029*
Orecchia, P., 1302, 1303*, (2557)
Orihel, T. C., 1336, (2071)*
Orlin, J., 1827*
Ormerod, W. E., 1944
Ormsbee, R. A., 2231*
Oropeza, R. M., (1838)
Orsay, C. P., 1218
Orueta, A., 2567
Osbaldiston, G., 2903*
Osman, N. M., 2810
Osman, O. H., (2120)*, (2617)
Ossi, G. T., (15), 2199
Oster, K. A., 2417
Osterman, J. V., (1961)
Osuntokun, B. O., (141), 1624
Otatti, L., 252*
Otčenášek, M., 441
Othman, A., 91*
Otieno, L. H., 1237, 1240
Otsuji, J., 2748*
Otsuji, Y., 439*
Otsuru, M., 343*, 805*, 1552* 2317*, 2840*
Oudart, J. L., 2277*, 2913
Ovchinnikov, N. M., 2459
Overland, D. E., (3011)*
Owen, G. M., (1806)
Owor, R., 504*, 2155
Ow-Yang, C. K., (545)*, (1054) (1055)*, (2562)*
Oxbrow, A. I., 24
Oyemade, A., 1622
Oyenuga, V. A., (2085)*
Ozere, R. L., 2158*
Ozeretskovskaya, N. N., 333

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

P
Pachtman, E. A., 1623*
Padbidri, V. S., 1474
Padilla, G. M., 1201*
Padonou, N., (2537)*
Padonu, K. O., 1076
Pagano, J. S., (617)
Page, F. C., (1743)
Paggi, L., 1302*, 1303, (2557)*
Pairon, R., (2945)*
Paiva, J. F., 2314*
Paiva, S. M., 1839*
Pal, R., (1195), 1642, 2193
Pal, S. C., 65, 1732
Palali, Z., 181*
Palaypay, M. A., 1769*
Palczuk, N. C., 1699*, 2206*
Palička, P., 1547
Palmer, E. L., (1953), 2750*
Palmieri, C., (1220)*
Palosuo, T., 2235
Pamba, H. O., 2541*
Pampiglione, S., 1067, 1125*
Panaitescu, D., 68*, 1915
Pan American Health Organization, (1412)
Panday, R. S., 2972
Pande, V., (2828)*
Pandhi, R. K., 2566*
Pandya, N. J., 2793
Panicker, K. N., 1393*
Panisset, M., 825*
Panner, B. J., 1290*
Pansa, M. C., (1194)
Pant, C. P., 270, 911, 1170
Pantyukhina, A. N., (2469)*
Papadopoulou, Z. L., 2932*
Papakyriakou, H., 2746*
Papayannopoulou, T., 2111*, (2349)
Paperna, I., (2181)
Papierok, B., 1243*
Papillaud, J., 1473*
Pappagianis, D., (2939)*, 2940*
Parada S., E., 223*
Paraense, W. L., 218
Paredes, J. A., 2963
Parelkar, S. N., 288
Parent, M. A., 2594*
Paretsky, D., (1960)*, 2477*
Parikh, A. C., 1027*, 2000
Paris, C., 1025*
Paris, J., 478*, 479*
Parish, G., (1601)*
Parker, D. R., 2751*
Parker, R., 1633
Parkinson, C. E., 2895*
Parpia, H. A. B., (2157)*
Parr, C. W., 26*
Parra, N. D., (2115)*
Parrinello, A., (2557)*
Parry, E. H. O., 185*
Partono, F., 561, (815), 1689
Partridge, A. J., 2835*
Paschke, J. D., 2396*
Pasricha, A., 516*
Pasricha, J. S., 516*
Passova, O. M., 1247*
Passwell, J. H., 2339
Pasternak, M. E., 3002*
Pasteur Institute of Southern India, Coonoor, (711)
Pasticier, A., 2423
Pastre, J., 2174
Patel, A. K., 2417*
Patel, J. C., 2608*
Pateraki, E., 2746
Pathammavong, O., 543*
Pathmanathan, I., 1197
Patrick, R. S., (144)
Patrucco, A., (1937)*
Pattanayak, S. (996)*, 1520*
Patterson, R. S., 2387*
Pattoli, D. B. G., 1249*
Pattyn, S. R., 1518, 1764, 2007, 2273
Patwardhan, V. N., 582*, 1104*
Paul, B. B., (2096)*
Paul, G., 1264*
Paul, R. K., 1707
Paulini, E., 101, 2538
Paulson, J. E., 2463*
Pauluzzi, S., (798)*
Pautov, V. N., 2476
Pavone, L., 1118*
Payer, H. D., 1099*
Payet, M., 2423*
Payne, E., (1899)*
Pazzaglia, A., 821*, 1801
Peacock, M., 2231*
Pearlman, E. J., 452*
Pearson, D. E. (1919)*
Pearson, H. A., 1361
Pearson, J. M. H., 304, 2797*
Pecca, J. G., 969*
Pedersen, J. K., 705*
Pedro, R. J., (527), 2541
Peel, S., 1354*
Peers, F. G., 187
Peirce, M. A., 193, (2211)
Peix, J. L., (2139)*
Pellegrino, J., 325*, 768*, 2541, 2554*, 2816*, 2817, 2820*, 2821*
Peña Chavarria, A., 1564*, 1565*
Penn, A. D. J., 1138*
Pennec, J., 1511*
Pennisi, L., 2224
Pennoit-De Cooman, E., 118*, 2834
Pequito, M. M., 2294
Percy, D. H., 1002*
Pereira, A. C., Jr., (1035)
Pereira, D. B., Jr., 317
Pereira, S. M., 836*, 2098
Perez, B., 2003*
Pérez, E. M., 724*
Perez, M. D., 1297
Pérez, S. Q., (1330)*
Perez de G., M. A., 2781*
Pérez de la Mora, S., (1837)
Pérez Esandi, M. V., (2833)*
Perez-Gomez, F., 1064
Perez-Mendez, G., (2815)*
Pérez-Miravete, A., (1837)*
Periaswami, V., 2787
Périères, J., 979*
Perine, P. L., 2271*, 2783, 2784*
Peritz, F. J., 62*
Perl, D. P., (1152)*
Perlowagora-Szumlewicz, A., 246, (681), (1234)
Permadhi, H., (1573)*
Perna, A. M., 2047*
Perondini, A. L. P., 1232*
Perpétuo, F. O. L., 2812
Perquis, P., (71)
Perrone, L., 1363*
Perrote, J. L., 1064*
Perrotto, J. L., (2301)
Perry, R. H., 2870
Péry, P., 2838
Pessar, L., 165*
Petch, M. C., (1823)*
Petchclai, B., 746
Peters, A. H., 1253*
Peters, H., 2013
Peters, J. H., 2005
Peters, T. M., (197)*
Peters, W., 1676, 2734*
Petersen, J. J., 1185
Petersen, J. L., 2323*
Peterson, C. A., 2463*
Peterson, C. M., (1114)*, 1362*, 2348*, 2906
Peterson, D. A., 2383
Peterson, L. W., 1752
Petit, A., 2838*
Petithory, J. C., 129, 1416*
Petrov, V. S., 1008*
Petrović, M., 1259
Pettersson, T., 2235*, 2315
Petteway, M. B., 2102*
Pettitt, L. E., 1706*
Petzold, H., 61*
Pevstova, L. I., 2040*
Peychl, L., 1373
Pfaller, M. A., 2227
Pfaltzgraff, R. E., 653*
Pfister, R. M., (958)*, (2704)*
Pharoah, P. O. D., 2957
Philip, A. G. S., 2931
Philippines Cholera Committee, 2500
Phillips, B. P., 501
Phillips, G., 166*
Phillips, L. L., 165, 166*
Phillips, R. S., 2195
Piankijagum, A., 2424*
Piccione, G., (1220)*
Pickard, E., (1648)*
Pickett, J., (1508)
Pickett, M. J., 2502*
Picou, D. I. M., 219*
Picq, J. J., 569, 2426*
Piekarski, G., 437, 655, 1695*
Pierce, A. W., Jr., 618*
Pierce, N. W., 421*, (2978)*, 2979*
Pierdominici, G., (1175)*
Pieron, R., 2016
Pifano, F., 1676
Piffanelli, A., 2911*
Pignataro de Viñas, F., 2713*
Pignol, F., 283*
Pike, M. C., 406*, 613*
Pimley, R. W., 2724*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Pinardi, M. E., 1676*, 2530*
Pinder, R. M., 436
Pineau, P., 2949*
Pinheiro, F. P., 1383
Pinheiro, Z. B., 508*, 980*
Pinilla, O., 1549*
Pinkston, K., (171)*
Pinnock, D. E., 1462
Pinotti, H. W., (2716), (2717), 2540*
Pinto, M. R., 1717
Pinto, M. R. M., 2791
Pinto, W., Jr., (2605)*
Piquard, B., 1541
Pires, J., 33*
Pisani, R. C. B., 742
Pitaluga Vasconcelos, W. M., 604*
Pittella, J. E. H., 35*
Pittman, F. E., 733, 734, 1985, 1987
Pittman, J. C., 733*, 734*, 1987*
Pittman, M., 724
Placko, R. P., 2888*
Plank, S. J., 367
Plant, J. W., 2135
Platzer, E. G., (1930)
Plempel, M., 2372*
Ploem, J. S., 2288*
Plonka, W., 111*
Płotkowiak, J., 1283, 2934*
Plummer, V. M., (1763)*
Podesta, R. B., (2043)
Podosinnikova, L. S., 1273*
Poggi, J., 460*
Pokorný, J., 1373*
Poland, J. D., 1005
Poleman, T. T., 1677*
Poletaeva, O. G., 2049
Poliakoff, N., 969
Polidori, G. A., 867*
Politur, B., 2691*
Politzar, H., 1942
Pollard, T. D., 1201
Pollard, T. J., 707*
Polliack, A., (848)
Poltera, A. A., 504, 1083, 1619, 1781, 2839
Pongpaew, P., 1099*
Pongpanich, B., 994
Pongpipat, D., 386
Ponnampalam, J. T., 230*
Ponnudurai, T., 448*, 2856
Pons, R., 1541*
Pont, A. C., 1637
Popkin, B. M., 138
Popov, V. P., 2460*
Por, P., 2303*
Pore, R. S., (607)
Porter, R., 3026
Porter, R. J., 1153*, 1154*
Posse, C. R., 336*
Postic, B., 2758*
Postiglione, M., (625)
Potgieter, H. J., (581)*
Potorac, E., 1260*
Potts, W. H., 1637
Poulain, J., 2838*
Pouliot, P., 1242*
Poungouras, P., 2612*
Poupa, O., 2417
Powars, D., 1585*
Powell, A. E., (783)*
Powell, E. C., (533)
Powell, S., 1762
Powell, S. J., 70
Powers, K. G., 1693*, 2435*
Prabhakaran, K., 298, 513
Prakash, C., 2156*
Prasad, C. R., (182)*
Prasad, R. S., (1896)
Prasongsom, S., 746*
Prata, A., 1425*, 1704*, 2541
Prathap, K., 789
Premasathian, D., 2037*
Premvati, G., (2828)
Prentice, M. A., 523
Prescott, B., 2553*
Prescott, D. M., 1201
Preston, J. M., 103
Price, E. W., 186, 408, 1874
Price, H. V., 115
Price, J., 31*
Pridie, R. B., 2417
Prieto, J., 2567*
Primo, J. C. N., 2929*
Pringle, G., 2865
Prior, R. B., (958)*
Privat, Y., 1512*
Probst, P. J., (857)
Proca, M. I., 77
Proctor, E. M., (1282)
Prod'hon, J., 809
Proietti, A. M., 1458*
Proos, L., 2966*
Proskuryakova, A. M., (2973)*
Prosperi, S., 1125*
Proverbs, M. D., 2193
Pruitt, R. D., 2417*
Publ. Hlth Pap. Wld Hlth Org., 934
Puffer, R. R., 134
Puga, S., 311, 1298*
Pugh, A. O., 1138
Pulman, D. A., 930*, 2674*
Puls-Van der Kamp, G. M., (1319)
Pulver, K.Yu., 1015
Punskas, J. A., 2813*
Puri, B. K., 2336*
Purnomo, 561*
Purtilo, D. T., (1548), 2323*, 2527
Pust, R. E., 2637
Putzmann, L., 2360*
Puzon, C. B., (1630)*

Q

Quan, T. J., 1481*
Quang Cu, D., 1006*
Quarcoopome, C. O., 2634
Queiroz, A. C., 248
Queiroz, F. P., 319
Queiroz, G. C., 2541*
Quilici, M., 1521*, 2873*
Quinn, B. F., (2910)*
Quintana, A., 491*
Quraishi, M. S., 3001*

R

Rabbege, J., 1922*
Rabbo, H. A., 92*
Rabello, E. X., 1230*, 1231*, 1249*, (1398)*
Rabenirainy, L., 2984*
Raccurt, C., 761*
Rachkovský, A., 1063*
Rachmilewitz, E. A., (848)*, (1592)
Radda, A. C., 1682
Radford, A. J., (889)
Radhawy, I., (100)
Radojcic, V., 1974
Radomińska, I., 2485*
Raether, W., 262, 727, 1940, 1943
Rageau, J., (217)
Ragge, D. R., 1637
Raghuvir Rao, L., 1643*
Rahal, K., (1010)
Rahbar, S., 161, 1594
Rahimi, S. A., (1880)
Rahmanzadeh, S., 1729*
Rai, J., 1465*
Rai, K. S., 199, 200*, 2994*
Raia, A. A., (98)*, 2540*, (2717)*
Raia, S., 2813*
Raine, D. N., 587*
Raizada, M. K., 1022*
Rajagopal, R., (446)*
Rajagopalan, P. K., 1176*
Rajaonarivelo, E., 810*, 1164*
Rajapakse, Y. S., 2852
Rajenison, S., 278*, 1723*
Rajkovic, A. D., 185*
Raju, G. C., (1626)*
Raju, V. B., 2619*
Ramachandran, M., 353
Ramachandran, S., 2509
Ramalho, G. R., 247*
Ramalingaswami, V., (143)*, (1140)*
Ramamohan, Y., 514*
Ramanathan, K., (2647)
Ramanujam, K., 1753*, (2278)*
Ramanujan, R. A., 2336*
Ramasoota, T., 746*
Ramírez, I., 584
Ramirez, M. A., (1356)
Ramírez, M. E. M., 1101
Ramirez, R., 1326*, 1540*
Ramisz, A., 1257*
Ramnath, S. R., 2608*
Ramos, C. D., 1129*
Ramos, H. C., (2658)*
Ramos, O. L., 2695
Ramos, S. F., 525, 767
Rampling, M. W., 2602
Ramsdale, C. D., (625)*
Ramsden, D. B., 473*
Ramseur, W. L., 590*
Ramsey, H. W., (169)*
Rabalais, F. C., 2069
Ramshaw, I. A., 1477*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Ramu, G., (2278)
Rangaswamy, K. R., 2638*
Ranney, D. A., 751, (752)
Ranney, H. M., (156)*
Ranque, P., 2873
Rao, C. K., 1520*, 1749*
Rao, D. H., (2584)*, 2878
Rao, N. P., 1908
Rao, N. R., 2688
Rao, R. H., (915)*
Rao, S. S., 1271*, 1272*
Rao, T. R., 893
Rao, V. K., (182)
Rapanot, N., 1818*
Rappaport, R. S., 2773
Rasnitsyna, N. M., 640
Raso, P., 1044*, 2292*
Rassam, S. W., 1245
Rastogi, M., 2590
Rastogi, S., 741*
Rasul, A., 2507*
Ratanawong, A., 386*
Rathburn, C. B., Jr., 1181
Rattanarithikul, M., 951*
Rau, M. E., 1780*
Rausch, R. L., 799, 1537*
Ravaonjanahary, C., (1182)*
Raven, J. L., (2910)*
Ravisse, P., 149*, 2479*
Rawson, P. G., (1152)*
Ray, A. D., 73*
Ray, P. K., 2251
Raybould, J. N., 695*
Raybourne, R. B., 2868*
Read, C. P., (795)*, (1092)*, (1455)*, (1945)*
Read, J. K., 2382
Rebert, C. C., 8*, 11*
Reddy, D. B., (1626)
Reddy, S., (1575)*
Reddy, V., 2891*, 2894
Redl, P., 1788*
Redman, J. F., 2924
Redmond, J. W., (1976)
Ree, H. I., 1160
Reed, D., 428*
Reed, R. E., 1207, 1831
Reedman, B. M., (2961), (2962)*
Rees, P. H., 323, 2417, 2541
Rees, R. J. W., 84*, 1028, 1753, 1765*, 1999*, 2009
Reeves, R. E., 2775*
Rego, A., 1020*
Reich, J. A., 409
Reid, H. A., 19*, 236*, 1110*, 1432
Reid, J. A., 1644
Reid, R. R., 866*
Reinhold, J. G., 139, 2084*
Reisen, W. K., 707
Reisinger, K. S., 2185*
Remington, J. S., 862*, 872*, 1609*, 2124, 2620*
Remy, J., 2195*
Renapurkar, D. M.,1483*
Renoirte, R., 1498*
Renoirte-Monjoie, A. M., 1121*
Restrepo, A., 79*, 2942
Restrepo, M., 494
Retif, M., 2501*
Retnasabapathy, A., 1329*
Rettich, F., 1396
Retzer, H. J. (3003)*
Reuben, R., 1393
Revankar, G. R., 2446*
Revill, W. D. L., 406
Revta Inst. Med. Trop. S. Paulo, 2541
Rey, L., 1522*
Reybrouck, G., 1990*
Reynafarje H., C., (2147)
Reynolds, D. W., 2124*
Reynolds, R. D., 1954*
Reynouard, F., 2822*
Rhodesia. Ministry of Agriculture, 2721
Ribbeck, R., 792*
Ribeiro, H., 631, 1169, (2658)
Ribeiro, R. D., 36*
Ricci, M., 1296
Ricciardi, M. L., 1067*, 1519
Rice, A. L., 1637
Richard-Lenoble, D., 2426, 2967*
Richards, A. G., (1888)
Richards, C. S., 1315, (2823)
Richards, W. H. G., 16, 20*, (2700)*
Richardson, B. B., 1213*, 1214*, 2696*
Richardson, N., 2135*
Richaud, J., 1589
Rickman, L. R., 689*
Ricossé, J. H., 682, 2218, 2426*
Riddiford, L. M., 1679*
Ridley, D. S., 82*, 748, 749, 3019
Rieder, R. F., 1117*, (2917)
Rifaat, M., 95*
Rifaat, M. A., 125, 315, 341, 559*, 863, 864, 870
Ringelhann, B., 150
Ringleberg, C. P., 973*
Río, A., 459*
Riopelle, A. J., (1357)
Riordan, K., 477
Rioux, J. A., 699, 700, 979, 981*, 1243, (2165), (2171), 2172*, 2173, 2458*
Ripert, C., 761*
Rising, J. A., 1119
Rison, R. A., 2112*
Ritchie, J., 2613*
Ritchie, J. A. S., 1107
Ritter, H., 845*
Rive, J., 265*, 971*, 1451*
Rive, M., 682
Rivera, L. M. D., (1630)*
Rivero, I., 1226
Roan, C. C., (2673)*
Roberson, E. L., 464, 2442*
Robert, V. B., 76
Roberts, C. J., (974)
Roberts, D. M., 641*
Roberts, E. C., Jr., 1721*
Roberts, J. M. D., 323*, 2541*
Roberts, M. J., 45, 963
Roberts, R. B., 1378*
Roberts, W. C., 2417*
Robertson, E., 1537*, (2732)*
Robertson, N. A., 1817*
Robertson, T., 1878*
Robin, H., (1116)*
Robin, Y., 1468*
Robinson, D. C., 1677
Robinson, D. M., 2238
Robinson, M. J., 1561
Robson, J., 689
Robson, J. R. K., 1348, 2591
Roby, R. E., 1965*
Roch-Arveiller, M., (2121)*
Rocha, A., 33*
Rocha, H., 319*
Rocha e Silva, E. O., 1230*, 1231*, 1249*
Rodhain, F., 2161, 2163, 2180*
Rodrigues, F. W., 1231*
Rodrigues, J. J. G., (2717)*
Rodrigues, P. A., 2812*
Rodríguez, M. E. F., 250
Rodríguez, M. R., (1321)*
Rodriguez, O. G., (2115)
Rodriguez, P. H., 564*, (910)
Rodriguez S., J., 2589*
Roe, D. A., 2190
Rogers, A., 963
Rogers, A. E., 1617*
Rogers, D., 467
Rogers, I., 511*
Rogers, K. D., 2185
Rogers, R., 2065, 2856*
Rogers, S., 1878*
Rohde, J. E., 286, 1493*
Rohde, R., (1292)*
Rohe, R. A., (156)
Rojas, A., 457, 1540*
Rojas, B., 1323*
Rojo, M., 1326*
Rolley, R. T., (1982)*
Rollier, M. R., 1764*
Rollier, R., 1764*
Rolon, P. A., 2373
Romain, J., 1521*
Romeo, M., 2226*
Rommel, M., 1996
Romoser, W. S., (2975)
Ron, N., 2417*
Rona, G., 2417*
Ronaghy, H. A., 2084, 2186
Rondanelli, E. G., (728), (729), (1984), 2258, 2259, (2260)
Rondelaud, D., (108)*, 332
Rorke, L. B., 76*
Rosales-Ronquillo, M. C., (903)
Rosário, F., 247*
Rose, A. G., 2149
Rose, H. D., 1228*
Rose, J. H., 1678
Rose, M. E., 654
Rosecrans, C., 2106*
Rosen, L., 913*, 1472*, 1473*, 2480*, 2755*
Rosen, P., 900*
Rosenbaum, R. M., 69*
Rosenberg, A., 2340*
Rosenfeld, G., 218
Rosenfield, A. G., 1906
Roshdy, M. A., (3018)*
Rosický, B., 3016*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Rosner, F., (1475), 1825*
Ross, G. W., 72
Ross, W. F., (747)*
Ross, W. J., 413
Rossan, R. N., 1924, 2431*, 2708*
Rossi, L. F. A., 1740
Rossi, M. A., 678*, 1839
Rosso, P., 219*
Rostenberg, I., 2331*
Roth, D., (851)*
Rothenberg, B., 61*
Rothenberg, S. P., 589*, 1587*
Rotunno, C. A., (2833)
Rougemont, A., (1292)*, (1367)*, 1521, 2002*
Roulston, W. J., 2182*
Roux, F., 997*
Roux, J., 569*
Roveri, E., 1935*
Rowe, D. S., 2464*
Rowley, D., 1491*
Rowley, P. T., 2106
Roy, I. B., (1865)
Roy, R. G., 1643*
Roy, S., III, 1254*
Rozeboom, L. E., 912*, 913, 2990*, 2991*
Rozee, K. R., 2158*
Ruben, F. L., 1671
Rubin, A., 338
Rubin, B. A., 2773*
Rubin, C. E., 507*
Rubin, R., (2319)*
Rubin, R. H., 273, 1719*
Rubina, M. A., 1667*
Rubtsov, I. V., 720
Rubulis, A., 2101*
Rucher, H., 1034*
Rucknagel, D. L., 1831*
Rudolph, D., (1893)
Rudolph, R., 780*
Ruff, M. D., (1455), (1945)
Ruge, H., 437
Ruitenberg, E. J., (1088)*, 1339
Ruiz, P. J., 396*
Rukmono, B., 735*
Rupp, H. R., (424)
Ruscher, H., 2277
Russel, S., 1176*
Russell, A., 2613*
Russell, D. A., 1036
Russell, F. E., 854
Russell, P. K., 995*
Russell, R. C., (417)*
Russell, R. M., 2487*
Russell, W. C., (1568)*
Russo, G., 1118
Rutishauser, I. H. E., 1677, 2583
Ružić, N., 854*
Rwabwogo-Atenyi, J., 839*
Rweyemamu, M. M., 57
Rwomushana, R. J. W., 264
Ryabtseva, V. A., 1879
Ryltseva, E. V., 861*
Rytel, M. W., 1228

S

Saa, L., 2776*
Saadatezadeh, H., 1958
Saavedra, P., 253*, 600*
Sabbour, M. S., 1042*
Sabin, T. D., 2795
Sabour, M. S., 2281*, (2592)*
Sabourin, G., 1514*
Sacchi, S., 821*, 1801*
Sackman, J., 2057*
Sadek, M. S. M., 863*, 864*, 870*
Sadek, S. H., 2105
Sadeler, B. C., (1313)
Sadighian, A., 1089
Sadun, E. H., 328*, 654, (2731)*
Saebi, E., 636
Saeed, A. A., 103*, 1524
Sáenz, M. E., 1351*
Saerens, E. J., 1518*, 1764*
Safyanova, V. M., 698, 2744, 3007*
Ságher, F., 437
Sagle, W. B., III, (2667)*
Sagnet, H., 835*
Sagua, H., 1298
Saha, K., 1517*, 2789*
Saha, K. C., (847)
Saha, P. K., (1510)*
Sahba, G. H., 124, 755*
Sai, F. T., 430, 2414
Said, A., (840)
Said, G. Z., 86
Saif el-Din, S., 96, 2015
Saikawa, K., 2519
Saikku, P., 2235*
Saimot, G., 2423*
Saint-Yves, I. F. M., 2697*
Saito, K., 2845*
Sakaguchi, Y., 2038
Sakai, R. K., 205, 1178*, 1179
Sakazaki, R., (2244)*
Sakr, R., (840)*
Sakumoto, D., 439
Sakurai, H., (1664)
Salafranca, E. S., 1598*
Salata, E., 38
Salaun, J. J., 997
Saleh, A. L., 2920*
Saleh, S., 781*
Salem, E., (2287), 2508
Salem, S. A., 125*
Salem, S. N., 2376*
Saliba, A. M., 2944*
Salieres, A., 2983*
Salisbury, G. R., 1752
Sallam, M. A., 2848
Salomon, K., 475*
Salud Públ. Méx., (2952)
Salvaggio, J., (1130)*
Salvatierra, J., 62*
Salvidio, E., 2195
Salvosa, C. B., 1350*
Samb, A., 1628*
Sampaio, M. M., 1857
Samšiňáková, A., (1894)
Samson, F., 1643
Samuel, D. R., 82*, 297, (747)*
Samuel, G. A., 1352*
Samuel, I., 2271*
Sánchez, G., 2715*
Sanchez, V. M., 331*
Sánchez, Y., 2776*
Sandbank, U., (2117)
Sanders, R. D., (1903)
Sane, A. B., 1027*
Saner, G., (373)*
Sangare, S., 1043*
Sänger, R., 601*
Sanjana, H. B., 2792*
Sankalé, M., 1551, 2414, 2510
Sanmartin, C., 60*
Sanou, A., 2283*
Sansarricq, H., 1998*
Sant, M. V., 811*, 1483*
Santa Cruz Coelho, M. A., (2883)
Santhanakrishnan, B. R., 2619
Santiago, P. J., 584*
Santiago-Montenegro, J. E., 2540*
Santini, R., 584*, (2880)
Santos, A., Jr., 2264*
Santos, R., 1704*
Santos, R. R., 968, 2215
Santos-Buch, C. A., 1936
Santos Fonseca, C., 1132
Sanyal, M., 877*
Sanyal, S. C., 2498*, 2499*
Saoodi, H., 1594*
Saowakontha, S., 1099*
Sapunar, J., 342, 2776
Saran, R., 612
Saraya, A. K., (2968)
Sargent, R. G., 2074
Sarikyan, S.Ya., 222
Sarin, G. S., 2337*, 2590*
Sarmiento, R., 2397*
Saroso, L. S., 2755*
Sarrat, H., 1034*, (2139), 2277*, 2949
Sarrat, Y., 453*
Sarup, B. M., 2346
Sasa, M., 439, 1079, 2579, (2849)
Sastry, J. G., 372, 1807*, 2878*
Satir, A. A., 2455*
Sato, A., 1784
Sato, H., 439
Sato, K., 439*
Sato, S., 439*
Sato, Y., 343*, 805*, 1552, 2317*, 2846
Satyanarayana, K., (2584)
Sauerlander, R., 1791
Sauerman, D. M., Jr., (894)*
Saugrain, J., 1472
Saunders, C. R., 2318*
Saunders, D. S., 470*
Sautter, R. L., 1119*
Savage, J. M., (2919)
Savanat, T., 1018
Savchenko, B. I., 1015*
Savina, J. F., 149*
Savory, A. M., 2074*
Sawada, T., 439
Sawai, Y., 2118*
Sawicki, L., 595*
Saxena, A. K., 2847*
Sayag, J., (411)*
Sayers, M. H., 2082
Saz, H. J., 1796*
Sazontova, O. M., 547*
Sbarra, A. J., (2096)

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Scaglia, G., (728)*
Scaglia, M., (1984)*
Scanga, M., 961*, 1222*
Scannone, H. R., (2115)*
Scatena, L., 2866
Scepan, L. J., 2367*
Schacher, J. F., 565
Schaefer, C. H., 635, (2661)
Schaefer, F. W., III, (1950)*
Schaller, K. F., 1413
Schantz, P. M., 336, (1324)*
Schechter, M. S., 1190*, 2169*
Schenkel, R. H., 2205*
Schenone, H., 310, 1280, 1540
Schepens, J., 2689*
Schiff, G. M., 987*
Schiller, E. L., 2818*
Schisa, C., 2765*
Schlaeger, D. A., (1649)
Schlein, Y., 2389
Schlesinger, H. R., 998
Schlesinger, L., 2095
Schliessmann, D. J., 658, (1471)
Schlipköter, H. W., 1*
Schmaier, A. H., 1829
Schmid, H., 886
Schmidt, C. H., 2397*
Schmidt, G., (665)*, (2699)
Schmidt, L. H., 1432
Schmidt, M. L., (456)*, 2850*
Schmidt, R. F., (3005)*
Schmitt, K., 308
Schmitz, H., 2236*
Schmuñis, G. A., 37*, 252*, 256*, 595
Schneideman, I., 1677
Schneider, C. R., 543*, 2030* 2302*
Schnell, J. V., 18*, 1433*
Schnur, L. F., 696, 1716
Scholtyseck, E., (394), (1842)*, 2122
Scholz, M., 1966*
Schopfer, K., 1572*
Schramek, S., 1955, 2475*
Schrank, G. D., 1975
Schroeder, W. A., (1590)*
Schultz, M. G., (1152)*, 2421*
Schumacher, R., 243
Schuntner, C. A., 2182
Schupp, E., 1738*
Schuster, F. L., 2269*
Schuster, J., 780, (1803)*, 2300*
Schütze, H. R., (1337)*
Schwartz, A. D. (1120)*
Schwartz, E., 154*, 2345*
Schwartz, F. C. M., 587*, 2890
Schwartz, H. J., (783)*
Schwartz, J. P., 2340
Schwartz, R. B., (991)
Schweinfurth, U., 1682
Sciarra, D., 1125*
Scott, D. W., (1159)*
Scott, F., 730*, 1279*
Scott, P. M., (2970)
Scott, R. B., 1829*
Scrimgeour, A., 1826
Seabury, J. H., (1130)
Seah, S. K. K., 1039, 1334, 1603, 1604, 1706, 1783, 1852, 2677
Seakins, A., 2889*
Seal, K. S., 1998*
Seal, S. C., 2640*
Seaman, J., (1812)*
Seawright, J. A., 2392
Sebikari, S. R. K., 522*
Sebille, A., 2002
Secaf, F., (321)*
Sechter, I., (1485)*
Seed, T. M., (958), 1436, 1922, (2704)
Segal, H. E., 452
Segretain, G., 1416*
Segura, J. J., 396*
Sehgal, A. K., 2514*
Sehgal, P. N., 1429
Sehgal, V. N., (2276)
Seibold, H. R., (1357)*
Seidenath, H., 262*, 727*, 1940*, 1943*
Seifert, G., 936*
Sekikawa, H., 1552*, 2317*
Selby, G. R., (576)
Self, L. S., 1160*, 2168
Seligman, B. R. 1825
Selimov, M. A., 2488*
Seljutina, I. A., 2671*
Selvaraj, R. J., (2096)*
Semtner, P. J., (643), (1192)
Sen, A. B., 562*, (793)*, 2062*, 2851*
Sen, A. K., (446)
Senaud, J., (1842)*
Senewiratne, B., (1876), 2648
Senewiratne, K., (1876)*, 2648*
Senft, A. W., 779
Sen Gupta, S. R., 1726
Seo, B. S., (2039)*
Serban, O., 1260
Sergiev, V. P., 2741
Série, C., 1514
Série, F., 971*
Seriki, O., 1864*
Serjeant, G. R., (1823)*
Serokowa, D., 56
Serra, O. P., 1249*
Serrano, C. V., 134*
Serrano, R., 2775
Serrate, O., 1384*
Service, M. W., (905), (2987)*
Seshadri, R., 2113
Seth, D., 802
Setiadharma, S., 1870
Sette, H., Jr., 2541*, 2813*
Shab Rawi, M., 2376*
Shaffer, J. G., (1742)*
Shah, J. S., 514*
Shahin, B., 2932
Shainkin, R., 140*
Shaker, A., 2848*
Shaker, Z., 1523*
Shakespeare, P. G., 2195
Shakir, A., 1569
Shalaby, F. Y., 1772*
Shamsuddin, M., (1833)*
Shankar, S. V., 1643*
Shanoyan, N. K., 1963*, 2482*
Shaper, A. G., 2416
Sharma, D. C., (2083)*
Sharma, M. I. D., 486, 487, 1429*, 1431
Sharma, R. S., 158
Sharma, S. L., 1429*
Sharma, V., (156)*
Sharma, V. P., 2387
Sharman, A., 1677
Sharp, G. W. G., (1268)*
Shaw, J. A., 12*
Shaw, J. J., 490*, 704*, 1946*, 1948
Shea, M., 112*
Sheals, J. G., 1637
Sheehy, T. W., 52
Sheiban, F., 66*
Shelley, A. J., 195
Shelton, R. M., 895
Shelton, R. W., 2417
Shepard, C. C., 1036*, 1753
Sheppey, G. C., (2700)*
Sheridan, P., 1956
Sherif, S. M., 2897
Sherlock, I. A., 1938
Shiff, C. J., 771, 773
Shiloah, J., (170)
Shimada, T., (2244)
Shimanyuk, N.Ya., 1013*
Shimizu, F., 2747*
Shimozono, H., 1784*
Shin, H. K., 2168*
Shinonaga, S., 2059*
Shipley, D. E., 302*
Shipolini, R. A., (1369)
Shiraki, T., 343, 805, 1552*, 2840
Shirasaka, S., 2844*
Shiroishi, T., 242*, 955*, 1221*
Shivaswamy, K. C., 1643*
Shoeb, S. M., 96*, 528*, 2015*, 2281*
Shoemaker, J. P., 2445
Shohet, S. B., 1111*
Shojania, A. M., (157)*
Shokeir, A. A., (1479)
Shookhoff, H. B., 943*, 1566*
Shope, R. E., 1002*, 1003*
Shope, T., 190
Short, R. B., (1308)
Shortland, J. R., 176*
Shoura, M. I., 2310
Shrivastav, J. B., 1732*, 3020
Shrivastava, G. P., 2210*
Shrivastava, K. K., 2210
Shugoll, G. I., 2417*
Shukla, O. P., 1022*
Shukla, S. B., 2912
Shulman, I., 2185*
Shute, P. G., 1913
Shuvalova, E. P., 433
Sichinava, Sh. G., (2999)
Siddhu, C. M. S., 2415*
Siddiqui, W. A., 18, 1433*, 2694*
Siemon, J., 2143*
Sievers, M. L., 2140
Siffert, G., Jr., 119
Siim, J. C., 2926*
Sikes, R. K., 273*, 1719*
Sikorowski, P. P., (1639)*

Sil, J., 2498, 2499
Silard, R., 66, 68
Silberstein, S., (2087)*
Silk, M. H., (608)
Silva, A. L., 1284*
Silva, C., 743
Silva, J. E., (1702)*, (2386)*
Silva, L. C., 2541, 2813
Silva, M. A. B., 736
Silva, P. P., (1737)
Silva, Y. K. O., 2133*
Silverman, A., 1108*
Silverman, D. J., 2466
Silverman, P. H., (903)*, 1217*, 2205*, 2434*
Silverstein, R. M., (2410)*
Silvis, S. E., 1500*
Simaren, J. O., (260), (1224)
Simmers, J. W., (2982)
Simmons, R. L., 2251*
Simon, M. W., (1950)*
Simons, R. W., (903)*
Simonsen, V., (1528)*
Simoons, F. J., (2086)
Simpson, G. L., 2205
Simpson, L., (1952)
Simpson, M. G., 1640*, (2320)*
Sinclair, E., 393*
Sinden, R. E., 23*, (1187)*, 1212
Singh, G., 85*
Singh, H., 2156*
Singh, K. R. P., 2997*, 3000
Singh, M., (1338)*, (2326)*
Singh, P., 207
Singh, S., (2962)*
Singh, S. A. K., 2778*
Singh, S. D., 2964*
Singh, V. P., 505
Singha, P., (996)*
Sinha, A. M., 1735*
Sinha, D. P., 146
Sinha, G. K., (1626)*
Sinha, R., 850
Sinha, V. B., 64*
Siqueira, A. F., 34*, 36
Siqueira, G. R. V., 32*
Siqueira, W., Jr., 218*
Siregar, A., 1821*
Sirisinha, S., (2093)
Sirol, J., 358*, 763*, 2760*
Sirs, J. A., 2602*
Sitaraman, N. L., 1643*
Sites, V. R., 1481*
Sivanandam, S., 2855*
Sivapragasam, S., (1823)*
Sjogren, R. D., 1652
Skavaril, R. V., (1193)*
Skelton, T. D., (384)*
Sket, D., (1597)*
Skinner, J. C., 2428*, 2429*, 2696*
Skinsnes, O. K., 306*, 1752, 1753, 2790*
Skudowitz, R. B., 2
Šlais, J., 1678
Slater, J. S., 1446*
Slater, L., 1596*
Sluiters, J. F., (1088), (2842)
Smirnova, A. S., 1408
Smit, F. G. A., 1637
Smith, A., 918
Smith, C. E., (929)*
Smith, C. S., 2428*, 2429*
Smith, D. H., 1832
Smith, E. A., 2239*
Smith, F. R., 582, (2338)
Smith, F. W., 340*
Smith, G. C., 2545*
Smith, I. D., (1332)*, (2576)*
Smith, J. H., (1305), 1526
Smith, J. L., (1357)*
Smith, J. S., 1719*
Smith, K. G. V., 1637
Smith, L. P., 2650
Smith, M., 1048*
Smith, M. B., 592*, 1588, 2598*
Smith, M. E., 2872*
Smith, M. W., (644)
Smith, N. J., 2899*
Smith, R., 1610
Smith, R. F., 1901
Smith, R. P., (1650)
Smith, S. R., 2090*
Smithson, T. W., 1177
Smittle, B. J., 1263
Smok, E., 2050*
Smoliar, V., (1276)*
Smrkovski, L. L., (2740)
Smulewicz, J. J., 1825*
Smyth, J. D., 620
Smythe, P. M., 882, 2594*
Snow, K. R., 1683
Snow, W. F., 419*
Snyder, G. K., (169)
Snyder, M. J., (2253)*
Soares, H. L., 2628
Soares, S. J., 463*
Sobrinho, O. A. P., (1527)
Sociedad Argentina de Sanidad de las Fuerzas Armadas, 2212
Sodeman, W. A., Jr., 732, 762, 1533
Soeharjono, P., (2245)*
Sogandares-Bernal, F., (2740)*
Sogorb S., F., 602
Sokhey, S. S., 1482*
Solano, G., 41*
Soliman, S. F., (2120)*
Solis, M., 658*
Solomon, G. B., 2868
Soloviev, V. D., 1013*
Solter, S., 2186*
Soltys, M. A., 191, 693
Somani, P. N., 505*
Somers, K., 1143*, 2148*, 2417*
Sonenshine, D. E., 708, (1403), (2410)
Song, Y. K., 297*
Soni, B. L., (2083)
Sooksri, V., 245
Soothill, J. F., 2339*
Sophangisa, E., (1343)*
Sornmani, S., 543, 1056, 2030*, 2302*
Sorour, O., 95
Soscia, M., 1484*, 2765*
Sotelo, J. M., 457*
Sotelo-Avila, C., 2513
Soto, S. T., 30
Sotolongo Guerra, F., (1330)
Soulsby, E. J. L., 654, (2051)*, 2868*
Sousa, O. E., 672, 2708
South African Tuberculosis Study Group, 1137
Southern, D. I., 46*
Southgate, B. A., 560, 2420*
South Pacific Commission, 1912
Souza, D. W. C., 521, 1041
Souza, J. M. P., 1231*
Souza, M. S. L., 521*, 1041*
Souza, W., (1841), (2703)*
Sow, A., 1209*, 1628*
Sow, M. L., (2537)*
Sow, O., 403*, 2456*
Sowa, J., 1860
Sowa, S., 1860*
Spanoghe, L., 2948*
Sparks, H. A., 2289*, 2290*
Specian, R. D., (110)*
Spencer, H., 936
Speranzini, M. B., (98)*
Spertzel, R. O., 269*
Spicer, S. J., 1119*
Spicher, G., 1964
Spielman, A., 1162, (1891), 2064*
Spillane, J. D., 1415
Spira, D. T., 2461*
Spitalny, G. L., 233*
Spitler, L. E., 61*
Spivey Fox, M. R., 2084*
Sporzyńska, Z., 1374*
Sretenovic, M., 2367
Srivastava, H. D., (786)*
Srivastava, P. K., 505*
Srivastava, P. N., 2337*, 2590*
Srivastava, S. N., 505*
Ssebabi, E. C. T., 2601*
Ssebaduka, L. C., 1677
Stager, C. E., 1975*
Stagni, G. R., (798)*, 1544*
Stagno, S., 253, 395, 2124*
Stahl, W., 2706*
Stallard, H. E., (2312)*
Stallones, R., 428*
Stamatoyannopoulos, G., (851)*, 2111
Stambaugh, R. V., (842)*
Stamm, W. P., 288*
Stanfield, J. P., 1677, 2417
Stanfill, P. S., 1213*, 1214*, 2429*, 2696*
Stankiewicz, M., (363)
Stanley, C. T., 254*
Stauber, L. A., 1244*, 1699*, 2206*, (2295)*, (2296)*
Steele, J. H., 579*, 710, 2763*
Steelman, C. D., 1185*
Steelquist, J., 2940*
Steerenberg, P. A., 1339*
Stefanescu, I., 1605*
Steiger, R. F., 468*, 694*, 2221*, (2729)
Steiman, Y., 2232*
Stein, L., (1986)*
Steinberg, M. H., 1822

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Stekel, A., 2095*
Stenström, R., 2315*
Steriu, D., 77*
Sterky, G., 2089*
Sterling, C. R., 1219, 1436*, 1922*
Stevens, R. D., 1907*
Stevenson, J. H., 930*
Steward, M. W., 2339*
Stewart, G. L., (1092)
Stewart, J. S., (2898)*
Stewart, R. D., 1228*
Stewart, W. W. A., (1157), (2988)
Stewart-Wynne, E. J., 70*
Steyler, J. G., (2353)*
Stiles, A. R., 1900*
Stirewalt, M. A., (1306), (1307)
Stocker, K., (2354)
Stockwell, F., 2796*
Stogryn, E. L., 1918
Stokstad, E. L. R., (1903)*
Stolar, R., (709)*
Stone, A., 656
Stone, D. E., 1571*
Stone, W., 340
Stoopler, M., 2330
Stoppani, A. O. M., (674)*, 2437*
Stork, M. G., 1053
Storrs, E. E., 754, 1756, 2008, 2527*
Stott, N. C. H., 135
Stouraitis, P., 62*
Strano, A. J., 1539*
Straub, E. C., 2544, (2555)
Strauss, R. R., (2096)*
Streeter, B. G., 153
Strelkova, M. V., (1661), 2460*, 2745
Stroh, G., 2239*
Stromberg, B. E., (2051)*
Strome, C. P. A., 1929*
Strydom, N. B., 878*
Strykowski, H., 1605*
Stuart, J., 587, 2108*
Stuart, J. E., 1086
Stuiver, P. C., 407*
Stulberg, C. S., (1844)*
Sturrock, R. F., 537*, 541*, 774, 775*, 2825
Su, D. W. P., 306, 2790*
Su, K. E., 2305*
Subbarao, S. K., 2997
Subiabre, V., 1298*
Subra, R., 2984
Subrahmanyam, D., (915)*
Sucharit, P., 19, 236
Sucharit, S., 354, 1081
Suenaga, O., (822)
Sugiyama, K., 1287
Suguna, S. G., 199*, 2995
Suguri, S., 439
Suharjono, 1571*
Sukumalchantra, Y., 1358*
Sulgostowska, T., (2041)
Sullivan, W. N., 1190*, 2169*
Sumner, D. S., (1736)*
Sun, S. H., 1856*
Sun, Y. L., 90*
Sundararaj, T., 2629*
Sundaresan, T. K., 1136
Sunoto, 1571*
Sur, P., (2769)*
Sureau, P., 62*
Suri, J. C., 486*, 487*, 1246*
Susheela, T. P., (2584)*
Susin, M., 2550*, 2808*
Suskind, R., (2093)*, 2600*
Sussmann, A., (2921)*
Sutherland, D. J., (3005)
Sutherland, G. B., 2398
Sutherland, S. K., 1835*
Suttapreyasri, D., 1349*
Sutton, J. B., 2377*
Sutton, R. G. A., 2766
Suvarnakumari, G., (1626)*
Suvatte, V., 386*
Suzuki, M., 174, 2369
Suzuki, N., 1695
Suzuki, T., 123*, 175*, 343*, 800, 805*, 868*, 1552*, 1555, (2179), 2317
Svennerholm, A. M., 1977*
Svennerholm, L., 1733*
Swai, G. B. R., 2599*
Swain, R. H. A., 1421*
Swami, P. N., 486*
Swan, A. V., (160)*
Swartz, T. A., 2232*
Swartzwelder, J. C., 41*, 1040*
Sweatman, G. K., (2411)*
Sweeney, A. W., (417), 2697
Swidwa, D. M., 1340*
Swift, P. N., 649
Swift, T. R., 302
Swofford, H. S., (384)*
Sy, A., 2014*, 2279*
Sylk, S. R., (2051)
Szańkowska, Z., 1257*
Szarfman, A., 252, 967*
Székely, R., 1326
Szeri, I., 2937*
Szur, L., 387*

T

Tabanli, B., (625)*
Tabet-Derraz, O., 2651*
Tada, I., 1784*
Tadros, W., 1993
Tafari, N., 404*
Tafuri, W. L., 35*, 249, (461)*, 463*, 966
Tagatz, M. E., (3004)
Tagawa, M., 574*
Tahir, M. K., 1179*
Tahvildar-Bidruni, G., 1248*
Tailliez, R., (2137)
Takahashi, R. M., 635*
Takao, Y., 546*
Takaoka, H., 1784*
Takáts, C., 1788
Takayanagi, T., 466, 1239, 1241
Takei, K., 439*
Takemoto, T., 1784*
Taleb, N., (846)
Tallaferro, E., 629*
Tallent, G., 2231*
Talvalkar, G. V., 1778*
Talwar, G. P., 1286, 2526*
Tamames, S., 1064*
Tamisier, J. M., 2001*
Tan, H. K., (416)
Tanaka, H., 439, 574, (785), 1079*, (2849)*
Tanaka, N., 509*
Tanaka, Y., (986)*
Tandon, B. N., 2100, 2336, 2515*
Tandon, H. D., 2336*
Tang, A. T., 1161*
Tang, D. B., 2547*, 2548*
Tangri, A. N., (793)*
Tanigughi, H., 706*
Tankovsky, I., 837*
Tanner, C. E., 1780*, (2581)*
Tanowitz, H. B., 69
Tanphaichitr, V., 1358*
Tansuphasiri, S., 1349*
Tantengco, V. O., 1818
Tantivanich, S., 2261*
Tanzania, Min. Hlth, 1707
Taori, G. M., 836
Taplin, D., 1133*
Tardy, W. J., 707*
Targett, G. A. T., 1242*, 1454*
Tarizzo, M. L., 1420, 2465*
Tatarinova, S. G., 1262*
Taufflieb, R., 1468
Tauraso, N. M., 269*
Tausk, K., (1124)*
Tawfeek, M., (1479)*
Taylor, A. E. R., 620, 2650
Taylor, B., (2385)*
Taylor, B. W., 1654
Taylor, F. M., 2513*
Taylor, H. H., (539)
Taylor, J., 2350*
Taylor, J. F., 1629
Taylor, M. G., 1047, 1048
Taylor, R. T., (2918)
Taylor, W. J., (169)*
Teh, E. C., (1380)*, (1858)*
Teixeira, A. A., 508*
Teixeira, A. R. L., 1936*
Tejera, E., 1676
Telford, S. R., Jr., (455), (962)
Témime, P., 1512
Tempero, K. F., 184
Templeton, A. C., 1417, 1619*
Ten Eyck, D. R., 128, 567, 1387
Teoh, S. T., 145
Tepper, B. S., (2803)*
Tereshchenko, R. G., (1295)*
Terorotua, R., 2061*
Terpstra, C., 1677*
Terragna, A., 401
Terry, P. H., 923*
Teruel, J. R., 834
Terwedow, H. A., Jr., 564
Terzakis, J. A., 2432
Tesfa-Michael, T. Y., 1172, 2990
Tesh, R. B., 632*, 3010*
Tesson, R., 2983*
Tewari, S. G., 2515
Tewarie-Mungra, C. S. B., 765
Tewfik, H. R., (1655)
Texier, L., 2001
Teymouri, H., 1008*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Thacker, S., (2087)*
Thacker, W. L., 500*, 2486*
Thambiah, A. S., 2462*
Thambipillai, S., (1876)*, 2648*
Thammayya, A., 877
Than-Saw, M., 2805*
Tharavanij, S., 122*, 2261
Theis, J., 872*
Thekdi, R. J., (2243)
Thiemanun, W., 452*
Thienpont, D., 131*
Thiermann, E., 395*, 400*
Thitasut, P., 669*
Thomas, J., (374), 835
Thomas, J. A., (1646)*
Thomas, J. D., 1678
Thomas, L. A., 1466*
Thomas, R. J., 2650
Thomas, V., 908
Thomasson, D. L., 259
Thompson, D. E., (1285)*
Thompson, D. P., 596*
Thompson, E. O. P., 158*
Thompson, G. A., (931)
Thompson, J. R., (1159)*
Thompson, P. E., 355*, 1795*, 2857*
Thompson, R. G., 1748
Thompson, S. M. R., 693*
Thongcharoen, P., 58
Thongmitr, V., 1358
Thoongsuwan, S., (621)
Thorell, B., (848)*, 1830*
Thorsby, E., 301
Thorson, R. E., (2056)*
Threadgold, L. T., (2033)
Tiaore, D., 2061*
Tigano, F., 2635
Tignor, G. H., 1002, 1003
Timm, H., 1964*
Timme, A. H., 2149*
Tint, H., 2773*
Tipayamontri, U., (1785)*, (2575)*
Tirouvanziam, J. M., 352*
Tirrell, R., 2118
Titus, J. L., 2417*
Tizard, I. R., 973
Tizard, J., (1574)
Toacsen, E., 1260*
Tobe, S. S., (472), 2725
Todd, K. S., Jr., (1994)*
Todd, S. R., 74
Todoroff, T., 339
Tolman, R. L., 2446*
Tomasini, J., 1473*
Tomkins, A. M., 2597
Tomori, O., 1469*
Tomusange, E. T., 2955*
Tönder, O., 2131
Tong, M. J., 1428
Tongu, Y., 439, (2854)
Tonn, R. J., 2168*
Tönz, O., 845
Torda, T. A., 393
Tornabene, T. G., (1261)*, (1971)*
Torrado, A., (2933)*
Torres, E. A., 876*
Torres, P., 577, 623, 1298*
Torsuev, N. A., (1295)
Torti, F. M., 1978*
Tossou, H., 2283*
Toufic, A., 2913*
Tovey, F. I., 1142
Townsend, P. K., 369
Townson, H., 2858
Tozer, R. A., 2946*
Trager, W., 1442*, 1676, 1928
Trans. R. Soc. Trop. Med. Hyg., 941
Trapido, H., (3009)*
Traub, R., (2234)
Traub, R. D., 1877*
Travis, B. V., (1189)*
Treherne, J. E., 1679
Trejos, L. A., 1379*
Trevino, H. A., 1258*
Trèwern, M. A., 471*
Trigg, P. I., 2195
Troncy, J., 763*
Trpis, M., 630, 1886, 2170
Truman, J. W., 1679
Truswell, A. S., (1343)*
Tsai, C. S., 1846, 1853
Tsega, E., (1951)
Tseng, P. T., 175*, 800*, 868*, 1555*
Tsevrenis, H., 2612*
Tshilombo-Katombe, 2604
Tsuboi, M., 706*
Tsuji, M., 439
Tsukamoto, M., (2698)
Tsuneda, K., 1927
Tsunematsu, Y., 174*, 2369*
Tsutsumi, C., (425)
Tsutsumi, H., 439
Tsutsumi, T., 2038*
Tsvetkova, G. M., 2531
Tu, A. T., 1598
Tu, M., 2805*
Tuchmann-Duplessis, H., 2450
Tulloch, G. S., 1558
Tumada, L. R., 1059
Turgeon, E. W. T., 2831
Turillazzi, P., (1175)*
Turk, J. L., 3026
Turk, R. E., 52*
Turk, V., (1597)*
Turner, M. D., 2101*
Tzianabos, T., (1953)*, (2750)
Tzortzatou, F., (849)*

U

Ubelaker, J. E., (110), (1899)
Uddin, D. E., 2343, 2344
Uehara H., 1614*,
Uehlinger, E., 936*
Ueno, H., 331, (2827)
Ugoretz, R. J., 263*
Uhlíková, M., 1851
Ukoskit, K., (2575)*
Ulewicz, K., 2413
Ulyatt, D. B., 393*
Umoh, I. B., (833)*
Umphlett, C. J., 206
Ünal, M., 181*
Unes, S., 599
U.S. Dept Hlth, Educ. & Welfare, (1341)
Upadhyay, B. N., 2415
Upatham, E. S., 541, 775, 1311, 2026, 2027
Uphoff, M., 727*
Uppal, D. K., 2994
Urquhart, G. M., 49
Urvölgyi, J., 2467*, 2475*
Uys, C. J., 2149*

V

Vadivelu, M., 1907*
Vahlquist, A., 2896
Vaish, S. K., 505*
Vajrasthira, S., 790*, 1776*
Valente, M. C., 2929*
Valeza, F., 813*
Valkoun, A., 859*
Valle, C. M., 325, 2816, 2817*
Valverde, L., 1384*
Vandehey, R., 924*
Van den Berghe, G., 497*
Van den Bogaard, A. E. J., 713*
Van den Bossche, H., 1091*, 2079*
Van den Driessche, E., 293
Van den Eijk, A. A., 1993*
Vandepitte, J., 131, 177*, 293*
Vanderberg, J. P., 447*, 1219*, 1435, 2432*, 2435*
Van der Esch, E. P., 1869*
Vanderick, F., 2948
Van der Kaay, H. J., 2686
Van der Sar, A., 271
Van der Walt, J. J., 2417
Van der Walt, W. H., 878*
Van de Voorde, H., 293*, 1990*
Van de Werd, H. J. J., 566
Van Dijck, P. J., 293*, 1990
Van Enk, A., 155, 1869
Van Haaren, J. P. M., 381*
Van Heyningen, S., 1267
Van Heyningen, W. E., (1734)
VanNatta, D. L., 928*
Van Outryve, E. J., 2834*
Vanparijs, O. F., 1068*, 2079*
Van Peenen, P. F. D., 2755
Van Ros, G., 1121
Van Ut, N., (880)
Van Wyk, J. A., 2299
Van Zandt, P., (1789)*
Varela-Díaz, V. M., 117
Vargas, J. M., (1061)*
Vargas, L., (2974)*
Vargas, R. G., 724*
Vargas, V., 62*
Vargas V., M., (1189)
Varieras, G., (71)*, 1854*
Varley, G. C., 2191
Varma, R. N., 1464
Vashkov, V. I., 1262*
Vasil, M. L., 2494*, 2495
Vassilev, I., (1070)
Vattier-Bernard, G., 2175, (3008)
Vattuone, N. H., 37*
Vaughan, J. P., 611
Vaujany, J., 1473*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Vazquez, C. A. J., (515)*
Vedy, J., 358
Veeraraghavan, N., (711)
Velasco, J., (3009)
Velasquez, J. P., 494*
Velimirovic, B., 276
Vella, F., (157)
Venables, G. S., 1053*
Venkatesan, S., 1944*
Vennema, A., 611*, 2146, 2587
Venturini, A., 2047*
Veran, J., 1541*
Verdaguer T., J., 1323
Verdura, S., 88, 1037
Veress, B., 1612, 2455
Verghese, R., 2794*
Verhagen, A. R., 2138
Verma, A. K., 1022
Vernengo, M. J., 969*
Vernes, A., (2137)*
Verschoyle, R. D., 2675*
Versey, J., 1596*
Verster, A., 2565
Vervoort, T., 1121*
Verwey, W. F., 1975*
Vettore, L., 2607
Vial, J. L., (2919)*
Viamonte, M., 1561*
Viamonte, M., Jr., 1561*
Viana, R. L., 1020
Viau D., A., 1196*
Vichi, F. L., 460*
Vickerman, K., 620, 1676, 2728*, (2730), 3026
Vida, L. N., (1833)*
Vidal, H., (2901)
Viens, P., 1242, 1454, 1605
Vig, O. P., 2688*
Vijayan, C. P., (127)*
Vijayaraghavan, K., 372*, 1807, 2878*
Vilches, A. M., 252*, 256
Vilela, M. P., 324*
Viljoen, C. C., (1370)
Villanueva, L., 1818*
Villarejos, V. M., 1040*
Villarroel, F., 457*
Villarroel C., J., 876*
Vinayak, V. K., 2506*
Vincent, M., (108)*, 332*
Vinhaes, L. A., 2264*
Viriyanond, P., 1018*
Viseltear, A. J., (1722)
Vismer, H. F., 1611, (2630)*
Visvesvara, G. S., 1992
Viswanathan, R., 1695*
Viteri, F. E., 582*, 2589*, 2595*
Vithayasai, V., 2600*
Vivatanasesth, P., 1056*
Voelker, J., 1057
Voerman, S., (2178)*
Voge, M., 1678, (2021)*
Voigt, W. H., 257
Voit, E. B., 1879*
Voller, A., 20, 448*, 957, 1706*
Vollerthun, R., (1803)
Vollhardt, Y., 2458*
Von Brand, T., 1468
Von Lichtenberg, F., 328, (1305)*
Vorobiev, A. A., 715
Vorontsova, T. A., 2474
Vos, G. H., 2594*
Voss, T. J. V., 882*
Vrvölgyí, J., (498)*
Vukotic, D., 2271*
Vukovich, K. R., 1856*

W

Wada, Y., 439*, 917*, 1180, 1659*, 2059*
Waddell, A. D., 2230*
Waddy, B. B., 2414
Wadsworth, G. R., 1107*
Wagner, E. D., 1564, 1565
Wagner, G. W., 2396*
Wagner, H. N., Jr., (2803)*
Wagner, R. J., 1394*
Wagoner, D. E., 2406, (3012)*
Wake, A., 2764
Wakefield, L. M., (1102)*
Wakelin, D., (576)
Waksman, B. H., 1003*
Walker, J. S., 1252
Walker, M. J. A., (1599)*
Walker, R. B., 2082*
Walker, R. I., 1006*
Wall, J. R., 1516
Wallace, G. D., 873, 875, 1606, 2931*
Wallace, J. H., 259*
Walliker, D., 2195
Walsh, G. P., 2008*, 2527*
Walsh, W. T., 984*, 2230*
Walter, J., 1998
Walter, R. D., 437*, (665)*, (1923), (2699)*
Walters, J., 112*
Walters, J. D., 1863
Walters, J. H., 2597*
Walton, B. C., 983, 2463
Walton, D. W., 2183*
Walzer, P. D., 791*, (1152), 2421
Wanchoo, S. N., 1465
Wang, E. J., 1796
Wang, H. C., 2470*
Wang, L. T., 1499, 2263, 2564, 2774
Wang, S. P., 1135, 2375*
Wanke, B., 2541*
Warbanow, W., 2417
Warburton, B., 1770
Ward, B. C., (171)*
Ward, R. D., 490, 1892
Warhurst, D. C., 2195
Waring, M., 2195
Warnecke, M., 397*
Warraki, S. E., (2017)
Warren, A. G., 87, 750, 1031
Warren, K. S., 540*, 766, (783)*, 1147*, (2301)*, 2685, 3026
Warren, McW., 225
Wartoń, A., 244, (2223)
Wartoń, S. S., 244*
Warui, G., (2731)*
Wasantapruek, S., 2424
Wasfi, A. I., 1714*
Washburn, L. C., (1919)
Washington, F., 928*
Washino, R. K., (2661)*
Waslien, C. I., (948)*
Waterlow, J. C., 219*, 2088, 2887, 2889*
Waterman, M. R., 2350
Watson, G. E., 2407*
Watt, D. D., (2922)*
Watters, C., 2195*
Watts, E. R., 1677
Weatherall, D. J., (1122)*, 1832*, 2351*, (2606), 2612*
Weathersby, A. B., 1440, 1441*
Webb, S. R., 2396
Webbe, G., 1049*, 2546
Weber, D. M., 661*
Weber, M. C., 1770, 2541*
Weber, W. T., 654
Webster, J. M., (1902)*
Weddell, A. G. M., 2009*
Wedderburn, N., 3026
Wkly Epidem. Rec., 51, 362, 942, 1084, (1463), 1470, 1478, 1727, 2478, 2754, 2759
Wegmann, T., 2372
Weidhaas, D. E., 422*, 927*, 1167*, 1168*
Weinhold, E., 1966
Weinman, D., (1931)*
Weinmann, C. J., 2311*
Weintraub, L., 1614*
Weisbrod, B. A., 2418
Weisbroth, S., 1804*
Weise, M., 237*
Weise, R., 237
Weiss, E., (495)
Weiss, H. J., 165*, 166
Weissenbacher, M., 595*
Weithaler, K. L., 2143*
Welch, J. S., 1086*
Wellde, B. T., 48, (2731)
Weller, T. H., 2414
Welling, W., (2178)
Wells, E. A., 1710*
Wells, H. J., 998*
Wells, J. V., 2153*
Wells, M., 1410
Welsh, J. D., 1347*
Weltzien, H. C., 1682
Wenceslao, J. M., (814)
Weng, M. I., (1366)*
Wentworth, B. B., 1859
Wenzel, R. P., (2253)*
Werbel, L. M., 1210*
Werner, G. H., (1862)*
Werner, H., 2370
Wéry, M., 1498*, (1685)*, 1793*
Wéry-Paskoff, S., 1498
Wesley, A. G., 2377
West, C., 1585*
Westley, C. R., 2626
Weyer, F., 437*
Whalen, G. E., 578
Whaler, B. C., (856)*
Wharton, B., 1677
Wharton, R. H., 2182*
Whetstone, T. M., (426)*, (925)*
White, G. B., 627, 638
White, G. M., 2672*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

White, J. M., 155*, 387, 2346*
Whitehead, R. G., (144)*
Whiteside, M. G., 592, 1588*
Whitlaw, J. T., Jr., (1397)*
Whitmyre, G., Jr., (2665)
Whitten, M. J., 2193*
Whittle, H. C., 185, 684*, 881, 970*
Whytock, S., 473*
Wicks, A. C. B., 1139, 2956
Widdowson, E. M., (830)*
Widman, A., (98)
Wiendl, F. M., 38*
Wiermann, P., (98)*
Wierzbicki, J., 2604*
Wiesmann, E., 552*
Wigglesworth, V. B., 1679*
Wijayaratnam, Y., 2361*
Wijers, D. J. B., 1713, 2451*
Wild, J., 2417*
Wilde, H., 1582
Wilder, W. H., 635*
Wilhelmsen, L., 2417*
Wilkes, T. J., 896*, 2388*
Wilkins, H. A., 701
Wilkinson, P. J., 2753*
Wilkinson, R. N., (1645)
Wilkinson, T., (1116)
Willaert, E., 1502*, 1746, 1747*
Willerson, D., Jr., 1917
Williams, A. I. O., 450, 2417
Williams, C. D., 212
Williams, D., 2569
Williams, E. H., 2379
Williams, J., (2731)*
Williams, J. E., 688*
Williams, J. F., 336*, 1777
Williams, L., 158*
Williams, P., 536
Williams, R., 2609*
Williams, S. G., 16*, (2700)*
Williamson, J., 480*
Willis, O. R., 1185*
Wills, W., 2401
Wilson, A. J., 478, 479*
Wilson, D. C., 1469*, 2239*
Wilson, H. G., 422, 1167, 1168, (1646), (2978)*
Wilson, H. R., 2446
Wilson, J. B., 388*
Wilson, J. F., 799*
Wilson, R. A., (1530), (1531)
Wilson, R. J. M., 946, 3026
Wiltshire, B., (157)*, 1121*
Winblad, U., 216
Winick, M., 219
Winkler, W. G., 1476
Winter, W. P., (1124)*, 1831*
Winterhalter, K. H., 845*
Winzler, R. J., 1201*
Wirth, W. W., 656
Wise, I. J., 1624*
Wishahy, A. G., 864*
Wishnow, R. M., 1981
Wisseman, C. L., Jr., 984*, (1961)*, 2228*, 2229*, 2230, (2234)*, 2466*
Wikum, P. A., (1268)*
Wittner, M., 69*
Wium-Andersen, G., (1528)
Wodzicki, K., (279)
Wolf, R. H., (1357)*, 2272*
Wolfe, L. G., 2383*
Wolfe, M. S., 1299, 2323
Wolfsdorf, J., 2890*
Wollenberger, A., 2417*
Wolstenholme, B., 871*
Wolstenholme, G. E. W., 1676*
Womelsdorf, A. H., 1492*
Wong, J., (1891)*
Wong, M. M., 872*, 2325
Woo, P. T. K., 693*, (1635)
Wood, A. M., 228, 430
Wood, C. H., 430
Woodall, J. P., 1161*
Woodard, D. B., (1653)*
Woodfield, D. G., 2598*
Woodger, B. A., 2541*
Woodland, M., 183*
Woodruff, A. W., 804*, 2682
Woods, C. W., 923*
Woodson, R. D., 2111*, (2916)
Woodville, L., 932*
Woodward, W. E., 949*
World Health Organization, (610) (940), (1199), 2492
WHO Chron., 657
Wld Hlth Org. Monogr. Ser., 272
Wld Hlth Org. Offset Publ., 954
Wld Hlth Org. Techn. Rep. Ser., 648, (829), 892, 1106, 1204, 2419, 2636, 2681
Wld Hlth Statist. Rep., (2141), 2702
Worth, R. M., 1036*
Wright, C. G., 646, (929)
Wright, D. J. M., 1516*
Wright, K. A., 1554*, (2867)
Wright, R., 1554*
Wrightstone, R. N., (1590)*, 2114
Wuttke, H., 2365
Wyatt, G. R., (2395)*
Wyborney, V. J., (2940)
Wyler, D. J., 2430*, 2687
Wyndham, C. H., 878

X

Xavier, M. L. S., 2297

Y

Yadava, J. N. S., 502, 503*, 1061
Yaemboonruang, C., 1205*
Yager, P. A., (1000)*
Yagi, A. I., 1236*
Yamakawa, M., (2116)*
Yamamoto, M., 2764*
Yamaoka, K., 2350*
Yamashita, T., 1552*, 2317*
Yanagihara, E., 2790*
Yang, C. C., (1368)
Yang, G. C. H., (2242)*
Yang, H. Y., 306*
Yang, M. M., 1361*
Yang, P. K., 439*
Yang, Y. J., 2177
Yap, E. H., (2326)*
Yap, L. F., 1151*
Yarrow, I. H. H., 1637
Yarwood, E., (2815)*
Yarzábal, L. A., 337*
Yasmuth, C., 1721
Yasuno, M., 270*, 1176, 1393*, (2660)
Yasuraoka, K., 439
Yataganas, X., (848)*, 1830
Yates, A., (1123)*
Yatziv, S., 2613
Yawalkar, S. J., 2792
Yawson, G. I., 1591
Yen, J. H., 916
Yeoh, P. N., (1599)
Yeoh, T. S., (575)*
Yesudian, P., 2462
Yesufu, H. M., 1444
Yeung, D., 219*
Yoeli, M., 1437, 1921
Yogore, M. G., Jr., 2543
Yokogawa, M., 330, 334*, 439
Yokota, T., 1256*
Yoshida, Y., 1329, (2053)*, (2394)*, 2844
Yoshie, Y., 1753
Yoshihara, S., (2827)*
Yoshii, Z., (2011)
Youel, D. B., 1428*
Young, F. A., 1677
Young, G. P., 2598
Young, S. W., 1050, 2290*
Young, W. W., 919*, 920*, (1397)*
Yü-Ch'eng, C., (549)*
Yudin, A. L., 1201
Yunis, E. J., (2938)*
Yunker, C. E., 2231*
Yurukova, D., 339*
Yushchenko, A. A., 2531*

Z

Zafari, Y., 1729
Zahner, H., (360)*, 780*, (1337), 2072
Zaia, L., 247*
Zakharova, N. F., 3014
Zaki, S. A., (2287)*, 2508*
Zaklama, M. S., 582*, 1104
Zaman, V., 126, 130, (575)* 2322*, 2855*
Zamith, J. M., 1708
Zanetta de Alves, E. A., 2713*
Zanga, J. R., (2160)*
Zannos-Mariolea, L., (849)
Zardi, O., 274
Zarifi, A. Z., 1729*
Zástěra, M., 1373*
Zaterka, S., 2572*
Zavagli, G., 2911*
Zaveri, M. P., 585*
Zavoikin, V. D., 547
Zayid, I., 843
Zekić, R., (619)*
Zeledón, R., 41, 1040*, 1676
Zelenko, A. P., 2164*

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

Zelentsov, A. G., 1320
Zembrzuski, K., 111*, 1322*
Zenser, T. V., 2771
Zherikhina, I. I., 3006*
Ziady, M. G. M., 2417*
Zicker, F., 768*, 1058*, 1071*, 2541*
Zidian, J. L., (1789)*
Ziecik, A., 2050
Ziegler, J. L., 448, 614*, 1146
Ziegler, K., 601*
Zielińska, E., 2934*
Zierdt, C. H., (416)*, 2444*
Zigas, V., 410, 1606*
Zimmerman, A. M., 1201
Zimmerman, E. E., 921*
Zimmerman, J., 1824
Zimmerman, S. B., 1201*
Zimmermann, W. J., 579
Ziv, M., 2408*
Živković, V., 1400
Złotnok, I., 712, 2384
Zlotorzycka, J., 2412
Zohdy, A., 86*
Zolotov, P. E., 1666
Zotochkina, E. G., 2049*
Zribi, A., 2768
Zuckerman, A., 696*, 1716*, 2195, 2461*
Zuidema, P. J., 659
Zukowski, K., 2371*
Zúñiga, A., 41*
Zwierz, C., 2045*
Zwisler, O., 1523*
Zykin, L. F., 1489
Zyngier, F. R., 2052

Numbers refer to abstracts and *not* to pages (unless otherwise shown).
* Joint author.

GENERAL INDEX OF SUBJECTS

INDEX OF SUBJECTS

Abstract numbers within parentheses indicate papers cited by title only.
The subject index is arranged in the following divisions:

	Pages
General Index	1373
Amoebiasis and Intestinal Protozoal Infections	1393
Dermatology and Fungus Diseases	1395
Entomology and Insecticides	1396
Haematology	1403
Helminthiasis	1405
Nutrition and Malnutrition	1416
Rickettsial Diseases	1418
Tropical Ophthalmology	1419
Venoms and Antivenoms	1420
Book Reviews, Reports and Theses	1422
Geographical Index	1425

For most diseases, the arrangement is as follows:—(i) general material, (ii) distinct forms of the disease, (iii) the parasite or parasites.

Ackee *see* Hypoglycin
Amoebiasis *see* AMOEBIASIS index
Anaemia *see* HAEMATOLOGY index
  nutritional *see* NUTRITION index
Animals *see* Medicine, veterinary
Ankylostomiasis *see* HELMINTHIASIS index
Anopheles **spp.** *see* ENTOMOLOGY index
Arthritis in sickle cell anaemia, 1108
Arthropods *see* ENTOMOLOGY index
Ascariasis *see* HELMINTHIASIS index
Babesiasis *see* Piroplasmosis
Bartonellosis
  in Peru, (2147)
  Bartonella bacilliformis, culture, (415), 2752
Blastocystis hominis, ultrastructure, (416)
Blastomycosis *see* DERMATOLOGY index
Blood *see* HAEMATOLOGY index
Book reviews *see* BOOK REVIEWS index
Borrelia **spp.** *see* Relapsing fevers
Burkitt's tumour *see* Cancer
Buruli ulcer *see* Ulcers
Cancer
  bladder, and urinary schistosomiasis in S. Africa, 93
  Burkitt's tumour
    abdominal
      calcification in children in Nigeria, 616
      treatment, surgical, 1615
    bone marrow involvement in, 614
    diagnosis
      electron microscopy, 1614
      needle aspiration, 1145, 2379
    eye, second case in Senegal, Dakar, 615
    in
      Lebanon, 884
      Tanzania, 613
      Uganda, 1145, 2151
        after herpes simplex infection, 1385
    tumour cells, migration inhibition by sera from patients, 885
    viruses associated with
      EB (Epstein-Barr), (2960)
Cancer—*cont.*
  Burkitt's tumour—*cont.*
    viruses associated with—*cont.*
      EB (Epstein-Barr)—*cont.*
        antibodies
          in American and African patients, 189
          neutralizing, determination, (2152)
        antigen in, (2961), (2962)
        DNA, absence in patients in U.S.A., (617)
      symposium, 1868
  cells, sialic acid release by *V. cholerae* neuraminidase, 2251
  gastric, in Uganda, 2150
  Hodgkin's disease with toxoplasmosis encephalitis, 2365
  in
    India, health education problems, 1907
    Laos, (1866)
    Sudan, superficial tumours, 2958
    Uganda, 2151
      book review, 1417
  Kaposi's sarcoma, (1616)
    in
      Algeria, (411)
      Mozambique, 2380
      Tanzania, 886
      Uganda, 1386
  liver
    aflatoxins and
      experimental in rats, effect of diet and monocrotaline, 1617
      in Kenya, 187
    fibrinolytic activity in, 2811
    primary, alpha-fetoprotein in, (2959)
      in Rhodesia, 1867
  lymphoma, malignant, experimental, with EB virus in marmosets, 190
  nasopharyngeal, in Malaysia, 2381
  oral, in
    Kenya, 188
    Malaysia, in men, (2647)

Carrión's disease *see* Bartonellosis
Castellani, Aldo, biography and bibliography, (1423)

Chemotherapy *see* Drugs
Children *see also specific diseases*
age assessment
by local event calendar in India, 1908
from deciduous teeth, 1096, (1809)
anthropometric studies *see* NUTRITION index
health
care through under-fives clinics, 1198, 1669
in
developing countries, paediatric priorities (book review), 1669
Ethiopia, in rural school, (933)
Nigeria, Northern, (2081)
Uganda, evaluation of care from hospital records, 649
infants
breast-feeding, psycho-social considerations, 366
in
India, Lucknow, perinatal and neonatal mortality, 2415
Tanzania
congenital defects in, (2187)
observations on 1500 births, (650)
U.S.A., care of Indians
birthweights, malformations and neonatal deaths related to, 100, 932
effectiveness of follow-up, 2185
nutrition *see* NUTRITION index
pre-school, in Brazil, mortality from malnutrition and diarrhoea, 834
Christophers, Sir Rickard, tribute to, 941
Cholera
antibodies
detection by phase-contrast microscopy, 285, 1273
vibriocidal, in population of non-endemic area, 1725
book review, 3020
cholera-like illness, diarrhoea due to non-agglutinable vibrios in Iran, 1729
control
cost-effectiveness and cost-benefit, 1728
health education study, 215
diagnosis
blotting paper strips for sending choleriform faeces, 1014
enzyme-linked immunosorbent assay, 1977
field method, (2767)
immunofluorescence, (2493)
laboratory, WHO guidelines for, 2492
neuraminidase determination in faeces, 1013
passive haemagglutination, 721
El Tor infection
carriers, detection, skin test method, 720
in
Australia, outbreak from food served on aircraft from Bahrein, 2766
India
Aurangabad, 1972 epidemic, 1726
Delhi, carriers, 65
Vellore, 1265
Italy, Naples, 1973 epidemic, 1484, 1972
Nigeria, Kaduna, 719
Sri Lanka, epidemic, 1727
Cholera—*cont.*
epidemiology, statistical determination of epidemic years, (281)
experimental, 1910
development of adenyl cyclase in intestinal membranes and response to enterotoxin, 1978
in
chinchilla, 2502
cockroaches, vector potential in U.S.S.R., 1015
dogs
blood flow in small bowel, (1736)
effect of amphotericin B on sodium and water movement across jejunum, 1493
mice, intestinal
immunity mechanisms in infant mice, 1491
loop, effect of secretory IgA antibody on vibrio adsorption, 287
rabbits
and guineapigs, skin reaction to allergen, 720
immunization
response to heat-inactivated vaccine, 723
with exotoxin, 1494
intestinal loop, effect of tenuazonic acid on water and electrolyte secretion, 1492
volunteers, clinical and immunological response, (2253)
immunization
effects on brucellosis immunology, 2501
response
agglutinins and vibriocidal antibodies, (2254)
in children to simultaneous live measles and, 2255
toxoid, purified, development of, 2773
vaccines
bacterial content, 724
monovalent, compared in Philippines, 2500
yellow fever vaccination and, 2256
in
Afars and Issas, Territory of, 718
Algeria, 1971 epidemic, (282)
Dahomey, treatment, 283
Hungary, 1725
India, Maharashtra, (2243)
Israel, Jerusalem, (1485)
Italy, 1973 epidemic, 1972, 2765
Kenya, 1971 epidemic, 1974
Nigeria, control methods, 215
Senegal, St. Louis, 1972 epidemic, 1973
Togo, epidemic, control and treatment, 284
jejunal mucosa
changes in, electron microscopy, 2252
ion fluxes across, 286
Summary of recent abstracts, **pp. 1–12**
treatment, Intetrix, trial in Tunisia, 2768
vaccines *see* immunization *above*
WHO statistics, (610)
Vibrio spp.
antigens
H, flagellar, 2772
O, type-specific, in passive haemagglutination reaction, 721

Cholera—*cont.*
Vibrio spp.—*cont.*
culture media, 2492
selective, (2245)
differentiation by asparaginase activity, 1488
hybridization, chromosome mobilization by sex factor P, 64
identification in India, Vellore, 1265
lipopolysaccharide, 2250
non-agglutinable
antibiotic sensitivity, 2499
antigens O, immunogenicity, 1012
bacteriophage typing scheme, 2498
culture filtrates
antigenicity, 1272
enterotoxin in, 1489
in cockroaches, vector potential, 1015
pathogenicity, 1729
strains, Heiberg's group II, neuraminidase in, (1486)
survival in faeces on blotting paper strips, 1014
cholerae
antigens
O, immunochemistry, (1976)
R, (2244)
bacteriophage reproduction, effect of furazolidone, 725
culture media, differential, 1975
enzymes, 1487
neuraminidase, 1013
release of sialic acid from cells by, 2251
growth, biochemistry and electron microscopy, (2769)
strains in
India, polymyxin sensitive variants, 1732
Italy, Naples, in sewage, 2765
survival in milk and milk products, 2246
toxins, 1271
effects on
adenyl cyclase, (1268), 1978, (2770)
stimulation by *Esch. coli* and, 2496, 2771
cell membranes, 1266
epidermal growth factor and nucleic acid synthesis, (1490)
thymocytes of rats, (1270)
enterotoxin
heat-labile, of *Esch. coli* and, 2247, 2248, 2771
steroidogenesis in tissue culture, 1980, 1981
neutralization by specific antibody, 2497
suppression of immune response to alloantigen, (1982)
tissue receptors, compared with *Esch. coli*, 1979
interaction with
gangliosides, 1267, 1733, (1734), 1979
lymphocytes, (1269)
permeability
activity, effect of, 1730
factor production, 1731
production
in vitro test for, 2495
mutants with altered capacity for, 2494

Cholera—*cont.*
Vibrio spp.—*cont.*
cholerae—*cont.*
toxins—*cont.*
toxoid
and, assay for immunoglobulin response, 2249
antigenic, preparation and purification, 2773
El Tor
bacteriophage, characteristics, (726)
enzyme, β-galactosidase activity, 1735
from waters in cholera-free areas, immunogenicity, 722
resistance transfer factor in, (1010)
strains
and atypical forms from Kenya, 1974
from Ivory Coast, biochemical characteristics, 63
toxins
exotoxin, 1011
permeability factor, production, 1731
Climate, tropical *see* Tropical environmental conditions
Coccidiosis *see also* AMOEBIASIS index
coccidia, (394), (1842), (2122)
cyst formation in, 1148
Coeliac disease *see* Sprue
Colorado tick fever
haemagglutination techniques for detecting virus, 1963
and antibodies, 2482
virus, persistence in red blood cells, 2483
Cretinism, endemic, in Papua New Guinea, 2957
Creutzfeldt-Jakob disease, experimental
host range, 1388
transmission from man to monkey, 2383, 2384
Crithidia **spp.** *see* Trypanosomatidae
Dengue
disease resembling, in Angola, associated with yellow fever epidemic, 1717
experimental antibody production in monkey cell tissue culture, 55
haemorrhagic fever
clinical shock and, haemodynamic studies, 994
diagnosis, countercurrent immunoelectrophoresis, (2481)
in
Curaçao, in closed community, 271
Indonesia, Jakarta, virus types in, 2755
Niue Island, 1972 epidemic, 2480
S.E. Asia and W. Pacific, 2754
Thailand, related to *Aedes* prevalence, 270
in
Colombia, type 2 virus from *Aedes aegypti*, 995
Fiji, 1971-73 epidemic, 2753
India
Jaipur, 1971 outbreak, 1474
Madhya Pradesh, type 3 outbreak, (996)
New Caledonia, epidemiology, 1473
Puerto Rico, mosquito studies, 1962
Tahiti, 1971 epidemic, haemorrhagic manifestations, 1472
pathogenesis and immunity, (54)
Diabetes, in Rhodesia, in Africans, 1139, 2956
Diarrhoea *see also* Gastroenteritis

Diarrhoea—*cont.*
due to
giardiasis, epidemic in ship's passengers, 1748
non-agglutinable vibrios, 1729
Diphtheria, in
India, W. Bengal, natural immunity, 2640
Senegal, 1628
Tanzania, epidemiology and natural immunity, 2639
Disease, general *see* Health
Disaster, relief measures (bibliography), 1681
Drugs
clioquinol, encephalopathy and, 891
diethylcarbamazine, colorimetric determination in urine, 353
emetine, effect on tissue transaminase activity, 73
metronidazole, assay in serum, agar diffusion method, (1988)
nitroimidazole compounds, antiparasitic activity, 413
pyrimethamine, bone marrow aplasia in thalassaemia, 2911
suramin, teratogenic effect in mice, 2450
Dysentery, amoebic *see* Amoebiasis index
Education *see* Health education
Elephantiasis *see also* Helminthiasis index, Filariasis
non-filarial, in Ethiopia, 1874
genetic factor, 186
nodular subepidermal fibrosis, 408
unrelated to onchocerciasis, 1387
Encephalopathy
acute, due to clioquinol, 891
and fatty visceral changes (Reye's syndrome), insecticide and viral interaction in, 2158
mink, transmissible, experimental host range, 1388
Endomyocardial fibrosis *see* Heart disease
Entamoeba **spp.** *see* Amoebiasis index
Enteric fevers, typhoid in children in Indonesia, disseminated intravascular coagulation in, 1870
Enterobiasis *see* Helminthiasis index
Enteropathy, tropical intestinal mucosa in healthy persons, geographical variations, (380)
Entomology *see also* Entomology index
medical in Iraq (bibliography), (1905)
Eosinophilia
monospecific rabbit antihuman eosinophil serum, production, 1147
tropical
pulmonary, vacuolized eosinophils in, 612
syndromes, associated, in Philippines, (1630)
Epidemiology (book review), 1909
Eye infections *see* Tropical Ophthalmology index
Favism
in Iran, haemoglobin studies in patients, 161
in Iraq, 162
serum defect in, 1623
Filariasis *see* Helminthiasis index
Fluorosis, endemic, in Sri Lanka, (1876)
dental, in schoolchildren, related to fluoride content of well water, 2648
Food *see* Nutrition index
poisoning *see* Favism; Nutrition index
Fungus diseases *see* Dermatology index
Gastroenteritis *see also* Diarrhoea
enteritis, necrotising, in Ghana, Agogo, 1869
in Botswana, in children, 405
Geography, medical
of Brazil (book review), 218
of Ethiopia (book review), 1413
research (symposium), 1682
techniques and field studies (book review), (939)
Giardiasis *see* Amoebiasis index
Glossina **spp.** *see* Entomology index, Tsetse flies
Goitre, endemic, in
Greece, 883
India
Maharashtra, 2159
northern, and Nepal, (1140)
Mexico, (1141)
Haemoglobins *see* Haematology index
Haemorrhagic
exanthematous disease in Bolivia, 1384
fever *see* Dengue
syndrome
in Brazil, Altamira, 1383
secondary to infectious and parasitic diseases, 2635
Haemosiderosis *see* Siderosis
Health
child *see* Children *and specific diseases*
diseases and *see also specific diseases*
communicable
book review, 2683
control programmes, evaluation, 1136
WHO statistics, (1199), (2141)
in
Australia, of Aborigines, 1414
Bangladesh, effects of civil war, 2679
Brazil, Amazonas, immune-allergic survey, 1672
Canada, imported, 2677
Laos, 1411
Malaysia, Kuala Lumpur, immunization of children attending clinics, 1197
Mexico, (2952)
Papua New Guinea (book review), 1202
Paraguay, ecology (book review), 432
Senegal, migration, urbanization and, (2678)
tropical *see also* Tropical medicine *and specific diseases*
book review, 1200
housing and, in Singapore (book review), 431
vector-borne
in Korea, 1155
persistence and recrudescence, (2951)
education in
India, Kancheepuram, on cancer, 1907
Nigeria, related to cholera control, 215
effects of
environmental pollution by pesticides (book review), 1680
modernization in Palau Islands, 428
international travel
by air and disease control, 2676
International Health Regulations 1969, second edition, (940)
population control, family planning
in developing countries, 214
role of auxiliaries in Thailand, 1906
research in Latin America, (1412)
services
for disasters
bibliography, 1681
in Bangladesh (book review), 935

Health—*cont.*
services—*cont.*
in
Haiti, rural, 2641, 2965
Iran, suitability of 'barefoot doctors', 2186
Papua New Guinea (book review) ,1202
Tanzania, 1409
tropical countries (conference), 430
international survey (book review), 652
maternal and child health, need for integration, 212
organization, structure and function (WHO report), 934
planning in developing countries, 1410
waste disposal in urban communities in Africa and, 216
Heart disease
cardiomyopathies
African, 2417
cardiac muscle fibre size in, 1625
idiopathic, in Colombia, Cali, 2715
in India, 2645
endomyocardial fibrosis
ECG changes in, (2646)
in India, Kurnool, (1626)
in S. Africa, Cape Town, 2149
hypertension in Nigeria, in children, 1864
in
Africa (symposium), 2417
Gabon, in children from Nigeria, 835
tropical countries (book review), 2416
Uganda, in elderly and middle-aged Africans, 1143, 1144, 2148
subaortic endocardium in India, (1865)
Heat *see* Tropical environmental conditions
Helminths *see* HELMINTHIASIS index
Hepatitis
granulomatous, fatal, due to *Strongyloides stercoralis*, 2839
viral, fibrinolytic activity in, 2811
Hepatocystis **spp.**, in squirrels in Malaysia, 1151
Hepatozoon **spp.**, life cycle related to *Toxoplasma* and other coccidia, 1148
Houseflies *see* ENTOMOLOGY index
Hydatid disease *see* HELMINTHIASIS index
Hygiene *see* Health
Hypoglycin A in ackee (*Blighia sapida*), determination method, (2970)
Immunity
cell mediated, and resistance to infections (WHO report), 648
to animal parasites (book review), 654
Immunization, simultaneous vaccine trials in children in
Cameroun, 1670
Nigeria, 1671
Insecticides *see* ENTOMOLOGY index
Intestinal mucosa, geographical variations in morphology, (380)
Kaposi's sarcoma *see* Cancer
Kuru
agent, lack of serological relationship with other infectious agents, 1877
experimental
host range, 1388
transmission to marmoset monkeys from man, 2383
in Papua New Guinea, effect in pregnancy, 410
Kwashiorkor *see* NUTRITION index
Laboratory
infections, human, prevention of, 1910
medical, for developing countries (book review), 2188
procedures
counting of
blood parasites, 1633
helminth ova and microorganisms, device for, 757
diagnosis of tropical diseases, 3019
preservation of unstained intestinal protozoa, 2505
staining of intestinal protozoa, 2504
stool examination
book review, 1424
concentration methods compared, 1520
techniques in parasitology
book review, 1416
handling trypanosomes (book review), 937
Lagos bat virus *see* Rabies
Leishmaniasis
animal
epidemiology, 704
in
dogs in
Brazil, histopathology, 2739
France, 699, 700, 979, 1243, 2458
India, 486, 703, 1246
Tunisia, 981
forest mammals, in Panama, 488
rodents, in India, 1246
experimental
in hamsters
and other sentinel animals, 489, 1461
dissemination after intrasplenic inoculation, 1716
donovani, in
African rat *Mystromys albicaudata*, 982
mice, fatal infection, (2740)
rodents in Tunisia, 1459
ticks, 699
enriettii, in guineapigs, immune response in cutaneous infection, 1460
tropica, 1247, 1248
in gerbils, 1459
major, in mice, effects of immunological paralysis, (1951)
human
diagnosis, serological, cross-reactions, 412, 1634
epidemiology, 704, 2744
in France, ecology, 699, 700, 979, 1243, 2458
in Mali, leishmanin sensitivity in absence of clinical infections, 2456
sandfly vectors, biology in relation to, 2743, 2744
symposia, 704, 1676
cutaneous, 704
diagnosis
fluorescent antibody test, 492
leishmanin skin test, 1672
and lymphoblast transformation test, 493
compared with other antigens, 1948
in
America, Central and South, epidemiology, 704, 1946
Bolivia, espundia after occult infection, 983

Leishmaniasis—*cont.*
human—*cont.*
cutaneous—*cont.*
in—*cont.*
Brazil, 704, 1946
São Paulo State, 1249
Ethiopia
Meta Abo, 701
rock hyrax as reservoir host, 485
India, Rajasthan, 487, 1246
Bikaner, canine reservoir, 486, 703, 1246
Kenya, Mount Elgon, 702
Panama
reservoir hosts, 488, 704
sentinel animal studies, 489, 1461
Peru, 2742
Sudan, 1714
U.S.A., in military personnel from Panama, 705
U.S.S.R.
natural foci, 484, 2460
relapses after treatment with monomycin, 2741
Venezuela, parasites in bone marrow, 491
treatment
amphotericin B, 2462, 2742
cycloguanil embonate, 1715
evaluation by indirect fluorescent antibody test, 268
metronidazole, inefficiency of, 2463
monomycin, relapse after, 2741
nifurtimox, 494
zoonotic, transmission from man, 2745
visceral (kala azar)
anaemia in, red cell survival and iron kinetics, and effect of antimonials, 2226
diagnosis, 1634
counterimmunoelectrophoresis with *Leptomonas pessoai* and other antigens, 980
serum reactivity with BCG extract, 2225
in
Brazil
Mato Grosso, 483
Pernambuco, (2457)
Ethiopia, 1712
new focus, 2738
Iraq, 1457
Baghdad, in adult, 1245
Kenya, 1713
Sudan, pathology, 2455
U.K., possibly acquired in Sri Lanka, 482
Zambia, first report, 267
Summary of recent abstracts, **pp. 573–582**
Leishmania spp., 1676
antigens, relationship with *T. cruzi* and *Myco. smegmatis*, 412, 1634
biology and ecology, 2733
culture, modified liquid medium, 1711
differentiation by
aminotransferases, electrophoretic variation, 2734
ferritin-labelled antibodies, 698
metabolic factors, 696
organisms resembling, from patients in Algeria, 2651
taxonomy of New World spp., 1946

Leishmaniasis—*cont.*
Leishmania spp.—*cont.*
braziliensis, growth
inhibition by allopurinol, 2227
multiplication in chick embryo liver, 2736
donovani
polysaccharide surface coat
electron microscopy, 2454
lectin binding capacity, 2735
promastigotes, scanning electron microscopy, 2224
strains
characterized by
culture in chick embryo, 1244
disc electrophoresis, (697)
human, effect of X-rays, 1458
enriettii, surface antigens, effects of antibody on, 2464
hertigi, 488, 1946
virus-like particles in, 1947
mexicana
multiplication in chick embryo liver, 2736
amazonensis, vector *Lu. flaviscutellata* in Brazil, 490
goularti n. ssp., from Brazil, Bahia, 2737
tarentolae, isolation of kinetoplast DNA, (1952)
tropica
electrophoretic studies, 1949
leptomonad form, electron microscopy, 2459
promastigotes, delayed utilization of glucose, (1950)
strains from Iraq and Central Asia compared, 1247
vaccines, standardization and quality control, 2461
major
differentiation from *L. t. minor*, 1248
from dogs in India, 1246
Leprosy
antibodies
antimycobacterial, 2788
cold, characteristics, 2789
antigens, HL-A, in patients, 301, 2003
bibliography, 1968–72, in Russian, 1295
book review, 653
borderline, 1513
relapse in, (2278)
conferences, (1754), (2518), (2785)
centenary of discovery of *Myco. leprae*, 1752, 1753
control, random sample surveys, value, 1998
dental (monograph), 2275
diagnosis
scrotal biopsy, 2793
sweat
function test, effect of dapsone treatment, 2792
response, significance of, (2276)
Takahashi's antitubercle phosphatide kaolin agglutination test, 2791
epidemiology and prevention, 80, 1757
experimental
in guineapigs and mice, delayed hypersensitivity to acid-fast bacilli, 2800
Myco. leprae infection in
armadillo *Dasypus novemcinctus*, 754, 1756. 2008, 2529, 2530

Leprosy—*cont.*
experimental—*cont.*
Myco. leprae infection in—*cont.*
mice
bacilli in nasal tissues, 2009
effect of rifampicin, 2802
footpad inoculation
analogy with *Myco. marinum* infection, 1766
effect of temperature of tropical environmental air, 1294
treatment, intermittent dapsone and rifampicin, 1518
pathomorphology of skin and viscera, 2531
thymectomized, 306
rabbits and rats, allergic neuritis induced by sensory nerve myelin, 2532
snakes, 2006
Myco. lepraemurium infection in mice, (2536)
susceptibility of different strains, 2010, (2535)
foot in
bone abnormalities, radiography, 87
paralysis, incidence and outcome, 750
surgery, dorsal flexion restored by multitendinal attachment, 518
hand in, cool water treatment, 753
hepatitis B and, in India, 516, 1517
immunology, 299
early skin lesions and, 748
immune response
in indeterminate infection, 82
lymphocyte transformation, 83
human and armadillo, effect of temperature, 2527
in healthy contacts, 300
leucocytes
antimicrobial function, 1289
migration, effect of magnetic field, (2004)
uptake of thymidine, 2790
lymphoblast transformation, (745)
in
Asia, South East, (1755)
Burma, 510, 739
BCG vaccination of children and, 740
Central African Republic, control, 1026
Ethiopia, 300, 301, 1291, (1292)
France, 1511, 1512
French Guiana, 1514
India, 1030, 1999, 2521
Allahabad, age of onset and other factors, 1029
Bombay, in schoolchildren, 1027
Rourkela, (1510)
Tamil Nadu, control programme, 1293
tuberculosis and, 741, 1028
Iran, 738
Japan, (2523)
Okinawa, epidemiology and control, 2519
Kenya, coastal areas, 296
Mali, (1292), 2002
Malta, eradication project, 1025
Pakistan, control, 512
Tunisia, 1513
U.K., delay in diagnosis, 1762
U.S.A., in servicemen from Vietnam, 2520
Zaïre, 2522
Zambia, mobile control project, 511

Leprosy—*cont.*
lepromatous
antibodies
autoantibodies and hepatitis B antigen in, 516
BCG, 1760
testicular germinal cell, 1516
articular reactions in, treatment, rifampicin, 2001
conversion to tuberculoid type, attempted, 743
diagnosis
multiple nasal smears in early stages, 1030
Myco. leprae in nasal mucosa of Chinese patients in Hong Kong, 1031
erythema nodosum leprosum
bacilli in synovial fluid, 1288
Clq-precipitating substances in serum, 1761
treatment
clofazimine in corticosteroid-dependent patients, 305
dapsone, effect of stopping and restarting, 304
histoid variety in
Brazil, Rio de Janeiro, (1035)
Senegal, histopathology, 1034
immunity stimulated by BCG vaccination, 2277
lymphocytes, thymus
and bone marrow-derived, 744
reduction of subpopulation, 2526
nasal, 1030, 2521
discharge, clinical and bacteriological aspects, 1999
rhinitis in, treatment, 1032
skin
biopsy study, 749
immunohistological changes, 1290
treatment *see* treatment *below*
ulcerating
dapsone-resistant *Myco. leprae* in, 84
treatment, dapsone and intramuscular antimony, 85
visceral lesions, autopsy study, (515)
Leprosy Mission, century of service, (1997)
nervous system in, 2794
cells, electron microscopy, 514
cutaneous nerves, demyelination in mice, electron microscopy, 303
neuritis, treatment, neurolysis of ulnar and median nerves, 86
peripheral nerve lesions, clinical manifestations, 2002
peroneal and tibial nerves, 302
temperatures in affected nerves, 2795, 2796
ulnar nerve paralysis, restoration of hypothenar muscle formation, 751
ocular
manifestations in Nepal, 1033
temporalis transfer in lagophthalmos, (752)
prevalence, survey of schoolchildren for estimation, 510
renal abnormalities, ultrastructural changes in glomeruli, 1290
serum
complement components, (1292)
role in pathogenesis, 746, 1761
IgE levels, 1291
sickle cell trait and, (2905)

Leprosy—*cont.*
skin lesions
early, 749
histology, immunity and, 748
on scalp, 2000
self-healing, 2522
trophic ulceration, skin and serum zinc concentrations, (1763)
subclinical infection, 83
immunological detection, 1758
Summary of recent abstracts, **pp. 877–886**
treatment, 80, 1759
acedapsone, in Ponape, Caroline Islands, 1036
clofazimine, tissue distribution in mice, electron microscopy, 2801
dapsone
and other drugs, continuous and intermittent regimens, 1764
erythema nodosum leprosum and, in Malaysia, 304
resistance to
associated with ulcerating lesions, 84
metabolic disposition, 2005
self-administration, urine tests for monitoring, 1765, 2797, 2798
immunotherapy with transfer factor, 2799
rifampicin, (2523)
tuberculoid
antibodies, BCG, 1760
borderline, reactions in, mechanism, (747)
nodular, on ritual scarifications in African male, 517
tuberculosis and, 741
spread and incidence compared, 1028
Mycobacterium spp.
antigens, shared, 2800
environmental, from armadillos in Colombia, 2529
noncultivable, mycolic acids from, 2525
leprae
antigenic studies, 1515, 2800
centenary of discovery, 1752, 1753
culture, 2273
DOPA
metabolism, implications for chemotherapy and, 298
radioactive, uptake of, 2524
effect of different substances on growth, 2274, 2786
in human macrophages, 297, 1286
in necrotic tissues and organs, 2528
tissue, maximum period of viability in, 81
detection
in neural axons, 2794
rapid D-dopa test, 513
staining paraffin sections, using picromethyl blue, 2787
effect of rifampicin, 2802
killed, *in vitro* behaviour of macrophages against, 742, 1289
morphological index, measurement by electron microscopy, 1287
preservation in liquid nitrogen, 2007
lepraemurium
culture medium, liquid cell-free, 1767, 2533, 2534
cytochrome system, (2012)
Leprosy—*cont.*
Mycobacterium spp.—*cont.*
lepraemurium—*cont.*
growth
in diffusion chambers *in vitro* and in mice, 1768
scanning electron microscopy, (2011)
metabolic activity, radiometric measurement, (2803)
strains, Hawaiian and Keishicho, (2536)
Liver *see also specific diseases*
cirrhosis, in children in India
aflatoxin and, (2157)
alpha-fetoprotein, absence in, 2156
serum vitamin B12 in, (2968)
diseases, alpha-fetoprotein in, 1867, (2959)
fatty, with encephalopathy (Reye's syndrome), experimental in mice, interaction of insecticides and viruses, 2158
fibrosis and schistosomiasis, fibrinolytic activity in, 2811
veno-occlusive disease, in India, 2969
Loefflerella whitmori see Melioidosis, *Pseudomonas pseudomallei*
Lymphoma *see* Cancer
Malabsorption syndrome *see also* Sprue
idiopathic, histochemistry of jejunal mucosa in, 2100
in travellers to India, 2597
serum retinol transport in, (2338)
Malaria
antimalarials
book review, 436
screening in owl monkeys, 1432
anthracene amino alcohols, (1918)
arylamidinoureas, selection, (2700)
chloroquine, neuromyopathy after prophylactic use, 453, 953
dihydrophenanthrene amino alcohols, 2701
phenanthrenemethanols, 9, 11, 12, (1919)
pyridine methanols, 1698
pyrimethamine
liver toxicity, tranquillizers and, 662
poisoning, acute and chronic, in children in Nigeria, treatment, 232
pyrimidinylguanidines, 1210
quinolinemethanol, WR 30090 compound, 10–12
avian
fallax, experimental in turkeys, immunizaton against exoerythrocytic forms, 1699, 2206
gallinaceum, experimental
anaemia in chicks and embryos compared, 1439
immunosuppression by cyclophosphamide, 1221
in chick embryos, viral interference, 242
treatment, pyrimidinylguanidine compounds, 1210
bat, zoogeography and evolution, (1223)
experimental *see under* avian, human, rodent, simian
human, 2414
anaemia in, related to iron storage, 2599
blood transfusion induced, 1878

Malaria—*cont.*
human—*cont.*
diagnosis
fluorescent antibody test, indirect, antigens compared, 1426, 1920
gel precipitin test with placental antigen, 450
haemagglutination, indirect, *P. vivax* antigen for, 1208
hypotension, orthostatic, in acute infection, 661
Monospot test, false positive, 1207
eradication, 2414
assistance by U.S.A., 444
mosquito larval control (WHO manual), 954
WHO reports, 657, 1204, 2419
erythrograms in treated and untreated patients, 1
history in Mediterranean region, 1203
immunology, 946, 2686
role of B-cell mitogen in hypergammaglobulinaemia, 1206
in
America, Central, 225
Australia
book review, 435
Sydney, in U.S. servicemen from Vietnam, 660
Western, imported cases, 2201
Brazil, Amazonas, 1425
Burma, vectors, 902, 1391
El Salvador, 224
control and eradication, 223
Ethiopia, serum glycoproteins in, (948)
Europe, 443
Greece, resurgence of *An. sacharovi* after eradication, 1687
India
Arunachal Pradesh, prevalence and transmission, (446)
Kashmir, 445
Indonesia
Java, 89, 309
Sulawesi, 1689
W. Irian, immuno-epidemiology, 2686
Iran, (1916)
control, 14, 196
Iraq, eradication, (15), 2199
Israel, 944
Liberia, 1
Libya (report), 1688
Mauritius, eradication, serological evidence, 13
Nigeria, 450
Philippines, 945
S. Africa
Natal and Zululand, 2198
Transvaal, 2196, 2197, 2690
Sri Lanka, mortality decline, 2200
Thailand, ecology of *Anopheles*, 2689
Togo, 1
Uganda, tropical splenomegaly syndrome and, 448
U.K., 942, 1913, 2420
Birmingham, 1914
U.S.A., 444, 943
fatalities, 2421
U.S.S.R., risk of recurrence, 222
Vietnam, South, 451, 661

Malaria—*cont.*
human—*cont.*
in nomadic populations, (1916)
interferon, absence in sera of patients in U.S.A. returned from Vietnam, 1228
prophylaxis, 8
chloroquine, neuromyopathy after, 453, 953
phenanthrenemethanol, WR 33063 compound, 11
quinolinemethanol, WR 30090 compound, 11
splenomegaly, tropical syndrome, 448
in Gabon and Territory of Afars and Issas, 2967
transmission dynamics, stochastic model, 2688
treatment
chloroquine, detection in urine, trials of eosin colour test in Malaysia, 2692
drug regimens for mixed infections, 451
pyrimethamine, effect on patients with subclinical sprue and, 3
cynomolgi, accidental laboratory infection, 1692
falciparum
antibodies against
S antigens, immunoglobulin characteristic, 946
sporozoites in rats, 233
blood
giant nuclear masses in lungs and, 449
lymphocyte transformation and cell-mediated immunity, 2687
thrombocytopenia, 2
and leucopenia, pyrimethamine-induced, 3
coagulation and platelet agglutinin, 2424
cerebral
fatal, in U.S.A., in patient returned from Africa, 2422
treatment
in S. Africa, Transvaal, 2690
sulfadoxine-pyrimethamine compound and dihydroergotoxine mesylate, trials in Senegal, 1209
diagnosis
fluorescent antibody test, *P. berghei* antigen for, 1920
therapeutic screening in Mozambique, 228
experimental
in monkeys *Aotus trivirgatus*, 20, 1214, 1432, 2429
transmission from monkeys by *An. freeborni*, 2430
immunization of volunteers with irradiated sporozoites, 447, 1691
in
France, autochthonous infection, 2423
Gambia, 946, 947, 2204
Haiti, control by drainage and larviciding, 658
Netherlands, benign infections, 659
Thailand, 1205, 2424
Vietnam, S., in U.S. forces, recrudescences, 12
incubation delayed after chloroquine prophylaxis, 2201
prophylaxis, 949

Malaria—*contd.*
human—*cont.*
falciparum—*cont.*
prophylaxis—*cont.*
against chloroquine-resistant strains, trials of diformyldapsone with pyrimethamine, 8
chloroquine, in Malaysia, 230
dapsone and pyrimethamine, 452
pulmonary function in, 1428
recrudescence in patients in Vietnam, 12
adrenaline provocative test to detect, 1427
renal involvement, glomerular changes, 1205
spleen, spontaneous rupture, (227)
treatment
chloroquine
and quinine compared in U.S. forces in Vietnam, 2425
resistance
absence in Upper Volta, 2426
in
Australia, 660, 2201
Colombia, and resistance to other drugs, 2427
India, Assam, 1429
Malaysia, Sabah, first report, 229
Panama, and resistance to other drugs, 1430
Thailand, 5, 951
U.S.A., in patient from Surinam, 231
multi-drug treatment trials, 1917
clociguanil alone or combined with sulphonamides, 2204
co-trimoxazole, in therapeutic screening, 228
phenanthrenemethanol, WR 33063 compound, 9, 12
quinine
alone and with other drugs, in Thailand, 6
levels in plasma and urine, 952
quinolinemethanol, WR 30090 compound, 10, 12
sulfadoxine and pyrimethamine combined in French Guiana, 2691
sulphanomides, resistance, acetylator phenotype in, 2693
malariae
congenital, in U.S.A., New York, 2422
experimental in man, with Nigerian and Philippine strains, 1690
in Malaysia, in leprosy patient treated with dapsone, 2202
nephrotic syndrome (book review), 1418
ovale, in Rumania, imported, 1915
vivax
delayed, in Denmark, after visits to India and Pakistan, 7
experimental in
man, serum complement levels in, 2203
monkeys *Aotus trivirgatus*, 1213, 1432, 2428, 2696
in Italy, imported from Yemen, 1686
in Korea, 1155
incubation types, long and short, hypothesis, 226

Malaria—*cont.*
human—*cont.*
vivax—*cont.*
prophylaxis, chloroquine
compared with pyrimethamine and dapsone in Thailand, 452
failure, 7
relapses in Thailand, after primaquine and chloroquine, 4
transmission by blood transfusion, fatal, 2421
treatment in India, 1431
primaquine, 5-day course, 950
research (symposium), 2195
rodent
checklist of parasites and host index, (1636)
berghei
diagnosis, fluorescent antibody test, antisera from mice and rabbits compared, (959)
experimental in
mice
antibody
and immunoglobulin synthesis in *Eperythrozoon coccoides* infection and, 238
antisporozoite, inactivity against exoerythrocytic forms, 1435
immunity, transfer by spleen and lymph node cells, 1216
immunization with sporozoites, 2434
resistance to infection, effects of housing density and of mouse strain, 2433
treatment
anthracene amino alcohol compounds, (1918)
phenanthrenemethanols, (1919)
pyridine methanols, 1698
pyrimidinylguanidine compound, 1210
rabbits, hyperthermia after brain infection, 1218
rats
blood changes in, 1695
immunity, spleen cell transfer studies, 1217
leucocyte removal from infected blood, 16
paralyzing syndrome inhibited by splenectomy, 25
yoelii, experimental in mice
brain capillary blockage by virulent strain, 1921
glomeruli at different stages, ultrastructure, 237
treatment, betamethasone, 960
vinckei
treatment, folic acid antagonists, (664)
chabaudi, experimental in mice, treatment, betamethasone, 960
saurian, in *Anolis* spp. in Panama, (962)
simian
experimental, increased resistance in monkeys infected with *Myco. tuberculosis*, 1215
in Sri Lanka, vector, *An. elegans*, (663)
brasilianum
experimental in *Aotus trivirgatus*, renal pathology, 957

Malaria—*cont.*
simian—*cont.*
brasilianum—*cont.*
in Brazil
Acre, new simian hosts, 235
Goiás, in *Alouatta caraya*, 234
cynomolgi, experimental
antibodies against sporozoites in rats, 233
infectivity of gametocytes, periodicity, 1693
falciparum, experimental in
Aotus trivirgatus, 20, 1214, 1432, 2429
transmission to man by *An. freeborni*, 2430
Macaca philippinensis, attempts to infect, 2695
Saimiri sciureus, sites of sequestration of parasitized red cells, 2431
knowlesi, experimental in rhesus monkeys
antibodies inducing antigenic variations, 1925
coagulation, intravascular, 19, 236
immunization, 2205
leucocyte removal from infected blood, 16
liver blood flow and phagocytic activity, 956
malariae, experimental in *Aotus trivirgatus*, renal pathology, 957
simiovale, relapse activity, (1926)
vivax, experimental in
Aotus trivirgatus, 1213, 1432, 2428, 2696
marmosets, 1924
Summary of recent abstracts, **pp. 213–229; 317–325**

Plasmodium spp., 2195
development *in vitro*, effect of bongkrekic acid,1928
from giant squirrels in Malaysia, 1151
from lizards in Guyana, taxonomy, (455)
sporozoites
identification, circumsporozoite precipitation reaction, 233
ultrastructure and presence of micropore, 1212
surface charge in relation to invasion of host cells, 2435
taxonomy, numerical, (1685)
tissue stages, history of discovery, (1211)
berghei
antigen for fluorescent antibody test in human *falciparum* infections, 1920
enzymes, 2694
acid proteinase from normal and infected erythrocytes, 1696
detection by polyacrylamide gel electrophoresis, 239, (2698)
synthesis of dihydropteroate and dihydrofolate, (241)
exoerythrocytic, inactivity of antisporozoite antibody against, 1435
host red cell and parasite
membranes, cytochemical differentiation, 1436
surface properties, 1922
in mouse blood, counting technique, 1633
mitochondrial changes
during life cycle, 239
of pre-erythrocytic forms, 2432
resistance to chloroquine, role of reticulocyte in citric acid cycle activity and, 240

Malaria—*cont.*
Plasmodium spp.—*cont.*
berghei—*cont.*
sporogonic development in mosquitoes
An. annulipes and *An. amictus hilli*, 2697
mechanisms and sites of resistance, 1437
sporozoites
effect of preparation method on immunizing properties, 2434
immunogenicity and infectivity, 1434
in salivary glands of *An. stephensi*, electron microscopy, 1219
labelled with tritiated purines, 1697
strains, cross-immunity, new genetic marker, 24
surface ultrastructure, (958)
nigeriensis n.ssp., 24
life cycle and zoogeography, in Nigeria, 22
oöcysts, nuclear division and oökinete organization, 23
resistance and susceptibility of *An. gambiae* A to, 2162
cathemerium, in *Culex p. fatigans*
effect on amino acids and egg production, 667
oökinete, development in midgut, 243
cynomolgi
gametocytes, periodicity of infectivity, 1693
exoerythrocytic schizonts, detection by immunofluorescence, 21
sporozoites, immunogenicity and infectivity, 1434
bastianellii
gametocytes, infectivity to mosquitoes, effect of primaquine, 454
oöcysts, in mosquitoes, immunofluorescent staining, 1694
transmission, laboratory, to technician, 1692
falciparum
cryopreservation with dimethylsulphoxide, 17
culture, buffers for, 18
enzymes
acid protease, activity of parasites and host red cells, 2694
variation in, 947
resistance to
chloroquine, strains from
Malaysia, Sabah, 229
Panama, 1430
Vietnam, 1917
pyrimethamine, strains from Solomon Islands, 949
gallinaceum
density in *Aedes aegypti*, related to host fecundity, 2992
exoerythrocytic forms, viral interference, role of interferon, 242
gametocytes, life cycle and infectivity for mosquitoes, 1927
oöcyst development in
Aedes aegypti
and *Culex pipiens*, effects of various compounds, 1441
maintained on carbohydrate diets, 1440
An. stephensi cell lines, (1220)
surface ultrastructure, (958)

Malaria—*cont.*
Plasmodium spp.—*cont.*
gallinaceum—*cont.*
susceptibility of *Aedes aegypti*, gene for, 2993
knowlesi
antigen, antibody-induced change in, 1925
cryopreservation with dimethylsulphoxide, 17
culture, buffers for, 18
enzymes, acid protease activity of parasite and host red cells, 2694
host specificity, merozoite invasion related to erythrocyte membrane components, 955
intraerythrocytic stages, DNA and RNA synthesis, 1433
landauae n.sp., from flying squirrels in Ivory Coast, 668
lophurae
culture in
chick erythrocytes, nucleic acid precursor synthesis, 666
duck erythrocyte extract, development, fine structure, 1442
dihydrofolate reductase in duckling erythrocytes and, (1930)
exoerythrocytic stages, ultrastructure, 1929
malariae, dapsone resistance, 2202
pulmophilum n.sp., from flying squirrels in Ivory Coast, 668
roubaudi, re-named *Babesia roubaudi*, 193
vaughani
and *tenue*, relationships, 961
merulae n.ssp., 961
from blackbird in Italy, 1222
vinckei
metabolism, pyrimidine and purine as antimetabolites, 1438
chabaudi
adenosine
kinase in red cells and parasite, (2699)
monophosphate synthesis, (665)
phosphoribosyltransferases in, (1923)
resistance of *An. gambiae* A to, 2162
vivax, strains, incubation time differences, 226
Malnutrition *see* NUTRITION index
Measles
immunization, simultaneous live vaccine and cholera vaccine, effect on immune response in children, 2255
in
America, Central, 2963
Kuwait, in adult Bedouins, 2376
Nigeria, effect on immune response in children, 881
S. Africa, Durban, complications in children, 2377
Upper Volta, in rural children, 1381
Zambia, serum transferrin and immunoglobulin levels and prognosis, 2378
xerophthalmia and, in E. Africa, 2374
Medical
auxiliaries in
Guatemala, 1196
Malaysia, rural, 213
Tanzania, 1409
care in
Africa, in emergencies (book review), 434
Medical—*cont.*
care in—*cont.*
tropical countries (conference), 430
education, 1786–1871, in Straits Settlements, (2680)
geography *see* Geography, medical
microbiology (book review), 1421
research in S. Pacific (bibliography), (1912)
services *see* Health
Medicine
in Laos, 1411
tropical *see* Tropical medicine
veterinary (book review), 1422
Melioidosis, *Pseudomonas pseudomallei*, effects of carbenicillin, morphology and cytology, (2643)
Meningitis, pyogenic, in children in Ethiopia, treatment, 404
Meningoencephalitis, amoebic primary, 76
due to *Naegleria* spp.
in Belgium, 293
in New Zealand, 294
treatment, clotrimazole, 1021
Mokola virus *see* Rabies
Mononucleosis, infective, associated with EB virus and Burkitt's tumour, (2960)
Mosquitoes *see* ENTOMOLOGY index
Mycobacterial ulcers *see* Ulcers
Myiasis
aural, due to blowfly in U.S.A., (2160)
cutaneous, due to *Cochliomyia hominivorax* in U.S.A., Texas, 618
due to *Cordylobia anthropophaga* in U.K., contracted in Spain, 890
ocular, due to *Oestrus ovis* in
Australia, Queensland, (1631)
Yugoslavia, (619)
Myositis, tropical, clinical and laboratory studies, 1629
Nephrotic syndrome *see* Renal disease
Neurological diseases, tropical (book review), 1415
Neuropathy
after chloroquine prophylaxis, 453, 953
ataxic, in Nigeria, plasma and hepatic cobalamines, 1624
subacute myelo-optico [SMON], associated with clioquinol, in child in Australia, 409
Nutrition *see* NUTRITION index
Onchocerciasis *see* HELMINTHIASIS index, Filariasis
Oroya fever *see* Bartonellosis
Parasites
antiparasitic activity of carboxystyryl nitrovinylimidazole compounds, 413
arthropods *see* ENTOMOLOGY index
biochemistry (book review), 1684
blood, transmission by transfusion, and screening methods, 1878
effect of climate (symposium), 2650
endoparasites of cats in Chile, Valdivia, 623
faecal, examination methods (book review), 1424
surfaces, functional aspects (symposium), (620)
Parasitic diseases *see also* HELMINTHIASIS *and* AMOEBIASIS indexes *for population surveys*
immunity to
book review, 654
mechanisms (book review), 3026
in
Botswana, in children, 405
Central African Republic, European and native populations compared, 1519

Parasitic diseases—*cont.*
in—*cont.*
France, Nantes, in students from tropical countries, 2804
Indonesia, 89, 309, 1771
Italy, Brindisi, in schoolchildren, 1296
Papua New Guinea, village survey, 2649
Philippines, Talim Island, 1769
Taiwan, in aborigines, 90
Thailand, in dam lake area, 1056
Parasitology
book reviews, 655, 1678, 3021, 3022
clinical (book review), 3025
in U.S.S.R. (bibliography), (1632)
laboratory techniques (book review), 1416
Pasteurella pestis see Plague, *Yersinia pestis*
Pellagra *see* NUTRITION index
Peptic ulcer *see* Ulcers
Pinta *see* Yaws and other treponematoses
Piroplasmosis
experimental, *Nuttallia meri* transmitted to *Psammomys* by *Ornithodorus erraticus*, 1149, 1150
Babesia spp.
counting technique in parasitaemia, 1633
bigemina, fluorescent antibody test, dried blood samples for, 192
rodhaini, antigenic variants, (621)
roubaudi, formerly *Plasmodium roubaudi*, 193
Plague
animal
in Iran, Kurdistan, in foxes, 1008
rodent hosts, (1724)
control, (279), (280)
bait acceptance studies, radioisotopes in burrows, 1263
in
China, susliks, role of *Haemaphysalis verticalis*, 208
India, susceptibility to infection, 1483
Iran, flea fauna of *Rhombomys opimus*, 926
U.S.A.
Arizona, 1005
Colorado, 2241
flea control by carbaryl dust, 2491
experimental
immunization
antibody response in
baboons, 1264
guineapigs, 716
research (symposium), 2763
vaccine, live attenuated, in vervet monkeys, (1009)
in mice
diagnosis after inoculation with cyclophosphamide, 278, 1723
effect of iron drug, 2764
human
bubonic, in
Madagascar, 2760
U.S.A., New Mexico, fatal, 2761
Vietnam, S., treatment, kanamycin, 1480
diagnosis, endotoxaemia detection, *Limulus* test, 1006
immunization
research (symposium), 2763
vaccines
killed, trials in volunteers, 1007
Plague—*cont.*
human—*cont.*
immunization—*cont.*
vaccines—*cont.*
live oral, field trials, 715
in
Cambodia, reappearance after 14 years, 276
S. Africa, atypical infections, 1004
U.S.A.
Arizona, from wild bobcat, 1005
Los Angeles, 1924 epidemic, (1722)
New Mexico, tularaemia resembling, 2762
WHO statistics, (610), 2759
Summary of recent abstracts, **pp. 669–674**
Yersinia pestis
bacteriophage, 2490
differentiation from *Y. pseudotuberculosis* by adenosine deaminase, 717
envelope, antigenic subunits, (1261)
growth
and morphology, effect of calcium ion, (2242)
factors for preparation of casein hydrolysate vaccine, 1482
lipopolysaccharide, properties, (1971)
strains
geographical differences
electrophoretic and biochemical study, 1481
typing of natural foci by genetic properties, 277
in Brazil, characteristics, 1970
Plants
medicinal, in New Caledonia (book review), (217)
poisonous *see* Favism
Plasmodium **spp.** *see* Malaria
Pneumocystis **pneumonia**
diagnosis, 414
immunofluorescent tests
direct, 1153, 1154
indirect, 194, 1879
disseminated, in infant with thymic alymphoplasia, (1880)
experimental in rats, treatment, trimethoprim and sulphamethoxazole, 1881
in U.S.A., 194, (1152)
and S. Africa, in children, malnutrition and, 2657
vascular and lymph node involvement, first report in Australia, 2652
Poliomyelitis, in
Kenya, acute paralysis, 1871
tropical countries, sequelae, surgical treatment, (2145)
Porocephaliasis *see* HELMINTHIASIS index
Protozoa
intestinal
examination methods (book review), 1424
new staining technique, 2504
preservation of faecal smears, technique, 2505
of rodents, checklist and host index, (1636)
unidentified, from patients in Algeria, 2651
Protozoal infections
animal, immunization, 191
antigenic variation, mechanism in, 2464
book review, 437
human, immunization, (1635)

Pseudomonas pseudomallei see Melioidosis
Pyomyositis, tropical, in Surinam, 2971
Q fever *see* Rickettsial Diseases index
Rabies
animal
diagnosis
corneal test, evaluation, 275
deteriorated tissue for, limitations, 2486
fluorescent antibody test, interference filter, evaluation, 500
in Poland, 56
in U.S.A., 2484
in
bats
control
anticoagulant, in Mexico, 1968
in Americas, (1969)
in Poland, first report, 1257
cattle in Bolivia, vaccination with ERA vaccine, 62
dogs
in
Ivory Coast, 997
Tanzania, 57
Thailand, control problem, 58
vaccination, antibody response after contraceptive, 1721
raccoons, in U.S.A., Florida, 1258
inapparent infection, (2489)
WHO statistics, 1478
epidemiology and control, 710
experimental in
dogs
brain-associated neutralizing substance in, 2487
with street virus, immunization with Flury LEP strain, 1966
foxes, oral vaccination, use of inoculated eggs, 1967
mice
effect of brain decomposition on detection of Negri bodies, 2486
infection enhanced by diethylaminoethyl-dextran, 713
non-fatal infection, 2488
vaccination, 274
and pathology of central nervous system, 712
rabbits, effect of interferon in cerebrospinal space, 2758
rats, central nervous system changes, electron microscopy, (1479)
sheep, newborn, with fixed Babeș strain, 1260
history, description in Talmud, (1475)
human
diagnosis
laboratory procedures (book review), 272
neutralization and indirect fluorescent antibody tests compared, 2757
in
Ivory Coast, 997
Poland, 56
fatal, from dead fox, 2485
Tanzania, 57
Thailand, control problem, 58
U.S.A., Kentucky, after bat bite, 59, 2484
laboratory infection, fatal, 1476
prolonged survival after bobcat bites, 2756
Rabies—*cont.*
human—*cont.*
vaccination
antibody response to inactivated human diploid cell vaccine, 1965
human immunoglobulin
properties, 1720
response in volunteers, 273, 1719
vaccines, duck embryo, myelopathy after, 61
research in India, 1971–72 reports of Pasteur Institute, Coonoor, (711)
vaccines
Hempt, effect of formaldehyde on antigenicity, 1259
inactivated, from Flury LEP strain, 1477
production and testing procedures (book review), 272
Roma strain, antibody response in mice, 274
virus
from human extraneural organs, 60
interfering component, (714)
lipids of intra- and extracellular strains compared, 998
neutralization by animal brain-associated substance, 2487
purification, gel chromatographic, on wide-pore glass, 999
related viruses
Lagos bat, experimental infections in dogs and monkeys, 1002
mice and hamsters, immunopathology, 1003
Mokola virus, experimental infections in dogs and monkeys, 1002
shrews, 1001
strains, fixed
Flury HEP, culture in human diploid cell line HEL, 499, 1718
resistance to disinfectants, 1964
tissue culture, fused hamster embryo cells, cytopathic effect, (1000)
Rats *see* Rodents
Relapsing fevers
diagnosis, antibody detection by indirect immunoenzyme test, 2272
louse-borne
experimental in monkeys, clinical course and histopathology, 2784
in Ethiopia, 1506, 2271, 2783
treatment, doxycycline, single dose, 2783
tick-borne
experimental in mice, protective antibodies in, 1507
in U.S.A., 295
transmission by blood transfusion, 1878
Borrelia spp.
lipid catabolism, (1508)
recurrentis, culture media for Ethiopian strains, 1509
Renal disease
glomerulonephritis and
scabies, pyoderma and streptococcal infection in Nigeria, 185
schistosomiasis in Brazil, Bahia, 2808
nephrotic syndrome
in Kenya, Nairobi, due to skin-lightening cream, 2154

Renal disease—*cont.*
nephrotic syndrome—*cont.*
malaria and
book review, 1418
experimental *P. malariae* infection in monkeys, 957
onchocerciasis and, in France, in patient from Mali, 1559
schistosomiasis and, 319
in Egypt, 1042
pyelonephritis in Egypt, schistosomal and non-schistosomal, 2280
Reports *see* Book Reviews index
Research, medical *see* Medical research
Reye's syndrome *see* Encephalopathy
Rickettsia **spp.** *see* Rickettsial Diseases index
Rodents
control
and ecology (WHO report), 2681
biological, (279)
rodenticides, single-dose, (280)
ecology of *Mus platythrix* and *M. booduga* in India, Mysore, (1724)
in Australia, N. Queensland, pathology and parasitology, (2654)
parasitic protozoa of, 22, (1636)
Sarcocystis, compared with *Toxoplasma gondii*, 875 and other coccidia, (394), (1842), (2122)
Sarcosporidiosis *see* Amoebiasis index, Coccidiosis
Schistosomiasis *see* Helminthiasis index
Scrapie, experimental, laboratory host range, 1388
Siderosis in Uganda, autopsy study, 2155
Skin *see* Dermatology index
Smallpox
in
Ethiopia, search for, 2143
Mali, control and eradication, 403
Sudan, 1925–64 epidemics and vaccination, 2144
vaccination combined with BCG, trials in children in
Cameroun, 1627
Tanzania, 611
WHO statistics, (610)
SMON *see* Neuropathy
Snails *see* Helminthiasis index, molluscan hosts
Snakes *see* Venoms index
Splenomegaly
chronic, in tropical countries, cause and treatment, 1873
schistosomiasis and *see* Helminthiasis index
tropical syndrome
in
Gabon and Territory of Afars and Issas, antiplasmodial antibodies, 2967
Papua New Guinea, albumin metabolism, 2153
Uganda
cryoglobulinaemia in Rwandan immigrants, 1146
ultrastructure of hepatic sinusoids, 407
malaria and, 448, 1873, 2967
Sprue *see also* Malabsorption syndrome
jejunal mucosa, morphology in healthy persons, geographical variations, (380)
tropical
and pernicious anaemia, (2898)
bile salt
excretion, 378

Sprue—*cont.*
tropical—*cont.*
bile salt—*cont.*
metabolism, 2101
enterotoxigenic intestinal bacteria in, 1583
in
Egypt, first report, 2897
Puerto Rico
intestinal perfusion studies, 379
serum vitamin E levels, 584
Thailand, in Europeans, 1582
Vietnam, S., in U.S. servicemen, 1359
subclinical, associated with pyrimethamine treatment, 3
treatment, lincomycin, 585
Tetanus
in
Haiti, control by rural health services, 2641, 2965
Uganda, Mulago Hospital 1963–68 records, 1872
Vietnam, treatment, value of diazepam, 184
neonatal, in
Haiti, control, 2641
India, 2964
Kenya, treatment, role of diazepam, 2642
S. Africa, treatment, muscle relaxants and intermittent positive-pressure ventilation, 882
Theses *see* Book Reviews index
Thyroid, diseases of *see* Goitre
Toxoplasmosis
animal, in
baboons, in S. Africa, 871
cats, 1372, 2624
in Colombia, 596
Sarcocystis-Toxoplasma-like organism, 875
dogs and farm animals in Italy, 1125
pigs
diagnosis, indirect haemagglutination test, reliability, 2136
in
Egypt, 869
Italy, immunofluorescence test, 867
Philippines, 1850
Taiwan, 175
examination of meat and sera, 868
rodents
Rattus alexandrinus in Egypt, 870
wild, in U.S.S.R., detection by immunodiffusion, 861
sheep in Australia
abortions and, associated with grain feed contaminated with cat faeces, 2135
epidemiology, (2935)
experimental
earthworm–bird–cat transmission cycle, study with *Eimeria tenella*, 2936
in
beetle *Dermestes lardarius*, 2371
cats, 602
oöcysts
absence after oral infection with vegetative forms, 398
in secretions and excretions, 397, 399
cockroach *Leucophaea maderae*, 873
gerbils, susceptibility to infection, 2369
Mastomys natalensis, treatment, pyrimethamine with sulfametopyrazine, 2370

Toxoplasmosis—*cont.*
experimental—*cont.*
in—*cont.*
mice
diagnosis, latex agglutination slide test, 2366
effect of vitamin C, 1852
immunity
effect of splenectomy, 2367
serum immunoglobulins, (2137)
rats and birds, 873
treatment
co-trimoxazole, 401, 601
pyrimethamine, 2937
sulfamonomethoxine and other drugs, 1853
with oöcysts, 874
Sarcocystis development and, 875
monkeys *Macaca arctoides*, 872
rabbits
congenital transmission, 1851
lymphadenopathy, pathogenesis, 176
rats, 873
adaptation of RH strain in, 2368
identification of *T. gondii* in lymph nodes, 600
with virulent and non-virulent strains, 400
human
antibodies in patients with liver involvement, 1847
central nervous system in, loss of vestibular nerve function, treatment, spiramycin, 2930
congenital, 2124
diagnosis, immunofluorescence with anti-IgM in infants, 395
in Egypt, 864
in Hawaii, 2931
nephrotic syndrome associated with, 2932
osseous changes in, 2364
prevention, 1848
prospective study, 2125
unusual ocular features, 865
cytomegalovirus infection and, concurrent in stillborn child, 1126
diagnosis
complement fixation, micromethod, with soluble antigens, 860
haemagglutination, passive, 1374, 2128, 2131
human red cells for, 2130
immunofluorescence, indirect, 598, 600, 1605, 2128, 2132
combined test for Chagas's disease and, 253
in serum and cerebrospinal fluid, 599
lymph node biopsy, 1373, 1609
Sabin-Feldman dye test, 2132
modified, 174
serological
cross reactions with *Isospora* infections, 1284
large scale, 2129
toxoplasmin intradermal test in Nigeria, Kaduna, 2621
encephalitis, Hodgkin's disease and, 2365
epidemiology, (594)
fever as clinical manifestation, 2133

Toxoplasmosis—*cont.*
human—*cont.*
hepatic involvement, 1847
chronic liver disease, 1849
in
Australia, domestic contact with animals and, 866, 2624
Brazil, 599, 2133, (2623), 2929
Canada
in immigrants from Hong Kong, 1603
Montreal, 1604
Quebec, 1605
Colombia, 1606
antibodies in blood donors, 596
France, in women, 2126
pregnant, 2127
treatment, spiramycin (thesis), 597
Germany, W.
epidemiology, 172
W. Berlin, 2360
Ghana, 862
India, Chandigarh, 2622
Indonesia, Java, 89
Italy, Teramo Province, 1125
Lebanon, 1845
Malaysia, 2362
Morocco, 598
Papua New Guinea, possible role of cats, 1606
Rhodesia, 1602
Sri Lanka, antibodies in blood donors, 2361
Taiwan, 1846
Zambia, Lusaka, in child, 2134
in mental patients, serology, 2929
in women
infertility and, 2363
pregnant, 597, 2124, 2125
premarital and antenatal testing, 2126, 2127
lymphadenitis
diagnosis, indirect immunofluorescence, 600
histopathology, 1373
nephritis, interstitial, in child, (2933)
ocular, 865, 2124
uveitis, in
Egypt, treatment, pyrimethamine and sulphadiazine, 863
Ghana, 2634
polymyositis, in
Costa Rica, 396
U.S.A., 1608
symposia, 2124, (2928)
transmission by blood transfusion, 1878
treatment, co-trimoxazole, 601
Toxoplasma gondii
antigens for immunofluorescence test in *Isospora hominis* infection, 2934
conoid, ultrastructure, (1841)
culture, tissue
effect of interferon and poly I:C, 595
morphology, microcinematography, 1840
schizogony in, 2925
effect of macrophages on, 2620
isolated from
cat faeces, 1372
peripheral blood of patient in Japan, 1607
life cycle compared with *Hepatozoon*, 1148
oöcysts, viability, effects of freezing, 173

Toxoplasmosis—*cont.*
Toxoplasma gondii—*cont.*
preservation
at low temperatures, effect of dimethylsulphoxide, (2123), 2927
in human blood, 1843
in liquid nitrogen, 1610
of tissue culture forms by freezing, (1844)
schizogony, 2925
and gametogony in cat small intestine, ultrastructure, 2926
trophozoites, separation from mouse exudate cells, methods, 859
ultrastructure, compared with *Sarcocystis* and other coccidia, (394), (1842), (2122)
Trachoma *see* Tropical Ophthalmology index
Treponema pallidum see Yaws and other treponematoses
Tropical
disease *see* Health; Tropical medicine; *and specific diseases*
environmental conditions, heat
acclimatization, effect of water and salt replacement regimens, 878
collapse, prediction of, 1863
eosinophilia *see* Eosinophilia, tropical
medicine
and malaria, 9th Congress, 2414
book reviews, 218, 1200, 1413, 2682
clinical, for students in U.S.S.R. (book review), 433
in Canada, problems of imported diseases, 2677
pathology (book review), 936
myositis *see* Pyomyositis
sprue *see* Sprue
ulcer *see* Ulcers
Trypanosomatidae
in bug *Zelus leucogrammus*, (43)
Crithidia fasciculata, respiration, oxidative mechanism, (622)
Leptomonas spp.
antiprotozoal drug sensitivity, 2447
pessoai, pathogenicity in mice, 2215
Trypanosomiasis
animal
diagnosis, detection of trypanosomes in blood by column separation and membrane filtration, 688
in
Angola, 1971 report, 1708
Kenya, Lambwe Valley, 689
Rhodesia, 2721
in
badgers, (2211)
cattle
in Nigeria, along trade route, 1444
trypanosome-resistant breeds, growth and productivity, (974)
elk, in U.S.A., Wyoming, 1701
game animals, in Tanzania, Serengeti, 467
monkeys, (1702)
in Panama, 2708
squirrels *Petaurista* spp. in Malaysia, 1151
pathology (monograph), (1443)
brucei rhodesiense, in game animals in Tanzania, 467
lion and hyaena, 468
cruzi, in dogs and cats in Chile, 457
Trypanosomiasis—*cont.*
animal—*cont.*
equiperdum, in horse in Iran, 975
evansi, in bats in Colombia, 1710
lewisi, haemoflagellates resembling, in rats in Thailand, 669
simiae, in pigs in Kenya, 2451
experimental
in
cattle, indirect fluorescent antibody tests in mixed infections, 1942
laboratory animals, pathology (monograph), (1443)
mice, pregnant, treatment, teratogenic effect of suramin, 2450
brucei
in cats and dogs, transmission by eating infected meat, 690
in mice
and rats
immunosuppression, 49
treatment, F.151 phosphate compound, 1452
heat-stressed, effects of immunosuppressive agents, 1240
brucei, in
rabbits, connective tissue changes, 476
rats and guineapigs, transmission through skin and intact mucous membranes, 693
gambiense, in
mice, effects of IgG and IgM immunoglobulins, 1241
rabbits
and rats, intratesticular inoculation, 687
cell-mediated hypersensitivity, (50)
rhodesiense, in
cattle immunized with irradiated parasites, 48
mice, treatment, SQ 18,506 nitrovinylfuran derivative, 692
monkeys
glomerulonephritis, 1453
prophylaxis, diminazine aceturate, 1943
volunteers, 467
congolense, in
cattle, (2731)
rabbits
and guineapigs, xenodiagnosis, 972
C-reactive protein levels in, 259
transmission by *Stomoxys*, 477
rats
and guineapigs, transmission through skin and intact mucous membranes, 693
effects of pregnancy on, (260)
severe inflammatory reaction, 973
cruzi, in
guineapigs, pathology of testis and epididymis in late phase, 678
mice, 30, 458, 676
and rats, intracardial thrombosis, 255
behaviour of different strains, 463, 2213
cancerolytic effect, 2720
concomitant infection with *S. mansoni*, 254
effect of antithymocyte serum, 256, 464

Trypanosomiasis—*cont.*
experimental—*cont.*
cruzi, in—*cont.*
mice—*cont.*
immunized with
avirulent strain, 968
disintegrated culture form, 677
Leptomonas pessoai, 2215
T. lewisi, failure of protection, 2436
treatment
amphotericin B, 2444
holothurin, inefficacy, 2445
nifurtimox, 257, 258
with betamethasone, 2719
thiosemicarbazones, 2446
monkeys, acute phase, 1706
rabbits, antibody response and characterization of specific agglutinins, 37
rats
acute, Auerbach plexus in, histochemistry, 462
effect of thymectomy, 464
immunity induced by RNA, 1935
equiperdum, in mice, effect of human serum, 474
and baboon plasma, 473
evansi, in cats, 481
lewisi, in rats
and mice, interferon induced by, 671
nutrition and infection, interaction, (2208)
oxygen uptake of liver mitochondria, 670
transaminase, glycaemia, azotaemia and prothrombin levels, (2209)
ultrastructural changes in liver, (1224), (2207)
musculi, in mice, immunity
cell-mediated, 1242
effect of T cell deprivation, 1454
numidae, in guinea fowl and chickens, transmission by *Simulium*, 695
vivax, in sheep, effect of cordycepin, 480
human
African (sleeping sickness)
bibliography, 963
blood
disseminated intravascular coagulation and other abnormalities, 263
hypergammaglobulinaemia, role of B-cell mitogen, 1206
cerebrospinal fluid IgM in, immunofluorescence, 684
epidemiology related to repellency of man to tsetse flies, 2723
history, Bruce-Castellani controversy, 266, 2448
in
Africa, West, 2218, 2219
Angola, 1971 report, 1708
Congo Brazzaville, 1450
Rhodesia, 2721, 2722, 2723
Tanzania, 1973 report, 1707
Uganda, in mental hospital patients, 264
U.S.A., California, patient infected in Botswana, 263
symposia, 682, 1676
treatment
drugs, structure-activity, (1238)

Trypanosomiasis—*cont.*
human—*cont.*
African (sleeping sickness)—*cont.*
treatment—*cont.*
melarsoprol
and steroids, effect on reaction in cerebrospinal fluid, 265, 1451
in Ivory Coast, encephalopathy after, 971
brucei
gambiense
animal reservoirs, (691)
congenital, in Zaïre, 1709
diagnosis
detection of trypanosomes in blood by column separation and membrane filtration, 688
inoculation of blood in rodents, 687, 1450
immunosuppression in, 970
inapparent, in Nigeria, detection, 687
treatment, F.151 phosphate compound, 1452
rhodesiense
in Uganda, treatment in pregnant women, 683
in Zambia, in patient with acute leukaemia, 2449
transmission by blood transfusion, 1878
American (Chagas's disease)
bibliography, 963
brain lesion, tumour-like, 248
cellular immunity studies, 1936, (1937)
chronic, immunoglobulin levels in, 34
congenital, 249, 676
diagnosis, direct agglutination test, 252
diagnosis
Chagas-latex reagent and immunofluorescence compared, 2214
direct agglutination test, evaluation, 1932
haemagglutination
and complement-fixation tests compared, 33
with preserved sensitized cells, 32
indirect immunofluorescence test combined with test for toxoplasmosis, 253
serological, cross-reactions, 412, 1634
xenodiagnosis
efficacy related to feeding behaviour of vectors, 246
sensitivity to *T. infestans*, 2711
enteropathy, (461)
heart conditions in
in Brazil, electrocardiography, 460
myocarditis
chronic, electron microscopy, 966
electrocardiogram
differentiation of arbovirus infections and, 2715
10-hour, to detect abnormalities, 2714
serum immunoglobulin factor in, 967
treatment, imolamine hydrochloride, 1705
immunization in volunteers with live avirulent *T. cruzi*, 1934

Trypanosomiasis—*cont.*
human—*cont.*
American (Chagas's disease)—*cont.*
in
Argentina, 2212
in patients with acute leukaemia, 1226
Bolivia
absence of interferon in sera, 1228
in children, treatment, nifurtimox, 965
Brazil, 2214
research (monograph), (964)
Colombia, 2715
Costa Rica, endemic area, 41
Mexico, Zacatecas, 459
Panama, 672
laboratory-acquired infection, 2441
immunoglobulin levels in, 2442
latent, effort tests in, 1704
megacolon
and megaoesophagus, P substance in, 35
in Brazil, in child, 2718
in Uruguay, 250
megagastria and achalasia of pylorus, absence in, 251
megaoesophagus, 35
and other 'megas', biliary tract in, (2443)
endoscopy, in Brazil, 1227
motility studies, (2716)
treatment, surgical, (2717)
symposium, 1676
treatment
clinical trials, bases for selection of patients, 1933
nifurtimox with betamethasone, 2719
in India, *T. lewisi*-like infection, 2210
WHO statistics, (2702)
seminar, (1700)
Summary of recent abstracts, **pp. 445–469**
treatment, drug screening, *Leptomonas* as possible model organism, 2447
Trypanosoma spp.
concentration and processing for recovery from blood, 261, 2438
counting methods for low concentrations in blood, 465
differentiation, enzyme typing, 26, 27
evolution and speciation, 2192
from bats, 1456, 1710
in Brazil, (1225)
in tsetse flies
in Nigeria, along cattle route, 1444
penetration of peritrophic membrane, 1445
laboratory techniques for handling (book review), 937
transmission, possible, by leech, 1456
aunawa n.sp., from insectivorous bat in Papua New Guinea, 1456
bouffardi, ultrastructure, (2732)
brucei
culture
in semi-defined and defined media, 685
influence of amino acids on infectivity, (1941)
metabolism and development, ultrastructure, 2728
effect of irradiation on infectivity and immunogenicity, 475

Trypanosomiasis—*cont.*
Trypanosoma spp.—*cont.*
brucei—*cont.*
in tsetse flies
development after membrane feeding, 2727
in haemolymph, 1237
ultrastructure in course of life cycle, (2729)
brucei
differentiation from *T. b. rhodesiense* and *T. b. gambiense*, indirect fluorescent antibody test, 686
blood incubation infectivity test, 474, 689
motility and infectivity, effect of physiological solutions, 1940
gambiense
antigens
electrophoretic analysis, 1239
soluble, localization, 466
differentiation from *T. b. brucei* and *T. b. rhodesiense*, indirect fluorescent antibody test, 686
dyskinetoplastic forms, oxygen consumption, (2452)
reservoirs and vectors, animal, (691)
rhodesiense
differentiation from *T. b. brucei* and *T. b. gambiense*, indirect fluorescent antibody test, 686
blood incubation infectivity test, 474, 689
motility and infectivity, effect of physiological solutions, 262, 1940
pleomorphism, effect of immune inhibition, 1944
congolense
in tsetse flies in E. Africa, antigenic types, 478
transmission by *Stomoxys*, 477
cruzi
acetate and pyruvate oxidation, mechanism, (674)
acid phosphatase activity, 2706
antigens, 1936, (1937)
relationships with *Leishmania* and *Myco. smegmatis*, 412, 1634
somatic, antigenicity of fractions, 1703
biology, 673
counting and concentration in blood lysed by ammonium chloride, 2438
culture
growth and differentiation at different periods of time, 2440
infectivity for long periods, 2439
metabolic differences, 2437
development in
hamster peritoneal macrophages, interactions, 1229
HeLa cells, electron microscopy, 245
liquid medium, below 37°C, as amastigotes, 31
vertebrate tissue cells, penetration, kinetics, 675
effect of
amphotericin B, 2444
irradiation, 38
nifurtimox, 257
tetrahydrocarbazoles, 969

Trypanosomiasis—*cont.*
Trypanosoma spp.—*cont.*
cruzi—*cont.*
in bugs
influence of sex of *Rhodnius prolixus* on infection rate, 39
susceptibility to infection dependent on animal host, 1938
Triatoma infestans, influence of different developmental stages, 2711
isolation from
laboratory worker, 2441
peritoneal fluid of mice, 458
life cycle, 673
intermediate forms in peripheral blood of mice, 30
reservoirs and vectors in
Argentina, 2212
Panama, 672, 2708
strains
agglutination tests and antigenic relationships, 36
behaviour in mice, 463, 2213. 2707
from pregnant women, 676
Fulton, *T. lewisi* identified as, 29, 2436
in Brazil, Bahia, characteristics, 2707
ultrastructure, (2703), (2704), (2705)
cyclops, ultrastructure, (1931)
equiperdum
amino acid transport in, (1945)
carbohydrate transport in, (1455)
dyskinetoplastic forms, cytochemistry, (2223)
effect of human serum, 474
and baboon plasma, 473
in Iran, first isolation, 975
ultrastructure compared with *T. lewisi*, 244
evansi
development stages in cat brain, 481
dyskinetoplastic forms
cytochemistry, (2223)
oxygen consumption, (2452)
lewisi
organism resembling, from man in India, 2210
strain, Fulton, identified as *T. cruzi*, 29, 2436
ultrastructure
compared with *T. equiperdum*, 244
in rat liver, (1224), (2207)
minasense, 2708
circadian rhythm of parasitaemia in marmosets, (1702)
pestanai, in British badgers, (2211)
rangeli
division in tissue culture, 28
reservoirs and vectors in
Panama, 672, 2708
Peru, *Rhodnius ecuadoriensis*, 2216
experimental infection, 2217
simiae, virulence related to transmitting *Glossina* sp., 2451
theileri
in Ethiopian cattle ticks, (456)
organism resembling, in blood of elk, 1701
vivax, in tsetse flies
in E. Africa
antigenic types, 479

Trypanosomiasis—*cont.*
Trypanosoma spp.—*cont.*
vivax, in tsetse flies—*cont.*
in E. Africa—*cont.*
infection rates, influence of animal host, 469
mode of attachment in proboscis of *G. fuscipes*, (2730)
Tsetse flies *see* Entomology index
Tuberculosis
control (WHO report), 2636
cutaneous, in Vietnam, (880)
experimental in monkeys, increased resistance to malaria after, 1215
immunization, BCG, 2636
combined with smallpox vaccination, 611, 1627
in
Nigeria, 1622
Rhodesia, evaluation of methods, 1138
Tanzania, 611, 879
in
India, 2638
Malaysia, 2954
Nigeria, 1622, 2637
S. Africa, Transkei, 1137, 1621
Taiwan, case-finding method, 2953
Tanzania, coastal area, 2146
intracranial, brain tuberculosis in
Malawi, Rhodesia and Zambia, 1618
Senegal, 1620
Uganda, 1619
pulmonary, in E. Africa, short-course treatment, 1382
Tularaemia, in U.S.A., Tennessee Valley, zoonotic potential, 1466
Tumours *see* Cancer
Typhoid *see* Enteric fevers
Typhus *see* Rickettsial Diseases index
Ulcers
mycobacterial, Buruli
in
Uganda
among tsetse control workers, 888
distribution, 887
treatment, clofazimine, 406
U.S.A., New York, in physician from Nigeria, 2644
Zaïre, distribution, 2966
nomenclature, (889)
Mycobacterium ulcerans, cytotoxic activity, 2382
peptic, geographical distribution and possible aetiology, 1142
Veterinary medicine *see* Medicine, veterinary
Vibrio **spp.** *see* Cholera
Virus infections, immunity in (book review), 438
Williams, Cicely D., work of, 1093
Whooping cough, immunization in W. Africa at birth, 183
Yaws and other treponematoses
in
Botswana, 509
Papua New Guinea, 1751
St. Lucia, control, 1024
Senegal, 2516, 2517
Uganda, venereal disease control, role of rural health centre, 2955

Yaws and other treponematoses—*cont.*
pinta, diagnosis, FTA-ABS and VDRL tests, 79
syphilis, in S. Africa, in Bantu, 737
Yellow fever
in
Americas, and *Aedes* eradication programmes, (1471)
Angola, Luanda, 1971 epidemic, 1717
and *Aedes aegypti*, 631, 1169
Cameroun, 2479
Ghana, 1256
Nigeria
Nupeko Forest focus, 1469
Okwoga, 1970 epidemic, 2239
Yellow fever—*cont.*
in—*cont.*
Senegal
and other arbovirus infections, 2240
sylvatic focus, 1468
sylvatic, 2478
in
Panama, 1255
Paraguay, 1470
Peru, San Martín, 993
vaccination, effect of cholera vaccination on, 2256
vaccines, 17D, dose assessment by neutralization test, 269
WHO statistics, (610), 2478
Zoonoses, transmitted by laboratory animals, 2142

AMOEBIASIS AND INTESTINAL PROTOZOAL INFECTIONS

Acanthamoeba **spp.** *see Hartmannella* spp.
Amoebae
biology (book review), 1201
free-living, isolation from soil and animal tissues, (2268)
limax group, (1743)
in man and animals in Belgium, 1502
in swimming pools in Sweden, Stockholm, 2267
Amoebiasis
cutaneous
after cystohysterectomy and colostomy in Eygpt, 291
ano-genital, in Papua New Guinea, 290
genital, in females
infant in Brazil, (1277)
women in S. Africa, treatment, metronidazole, 289
diagnosis
bentonite flocculation test, 2506
fluorescent antibody test, 1498
haemagglutination test, indirect, 731, 1499
and skin tests compared, 1279
microtest, stable sensitized cells for, 1497
latex agglutination test, 2261, 2776
serological
immunoglobulin levels in serum, 1017
tests compared, 506, 732, 2261, 2506
with counterimmunoelectrophoresis, 1278
stool examination
concentration methods compared, 1520
phenol-alcohol-formalin sedimentation and polyvinyl alcohol fixative compared, 1298
preservation of faecal smears, technique, 2505
staining
of trophozoites by indirect immunofluorescence, 288
technique, new, 2504
experimental in
guineapigs, immunized, 2512
hamsters, effect of liver injury on abscess development, 2266
Amoebiasis—*cont.*
experimental in—*cont.*
mice
interaction with *Trichuris muris* infection, 2779
synergistic relationship with *Schistosoma mansoni*, 540
rabbits, antigen-binding capacity of antiserum, radioimmunoassay, (1742)
rats
intracaecal infection, hydrolytic enzyme levels in caecum and intestine, 2511
pathogenicity
effect of dietary factors, 72
of Polish strains, 1281
treatment, emetine, effect on transaminase activity, 73
dysentery, treatment, metronidazole
and derivative Ro7-0207, clinical trial, 735
oral suspension, 2510
hepatic
abscess
diagnosis
immunofluorescence titres, sequential changes, 2262
isotope scanning, 1275
and selective arteriography in Mozambique, 1020
tomograms after intravenous opaque infusion, 1500
fibrinogen metabolism and fibrinolytic activity, 2777
in
India, Uttar Pradesh, 505
Italy, in native and foreign students, 1739
S. Africa, 70, 1275, (1986)
Vietnam, in U.S. serviceman after metronidazole treatment, 1987
treatment, metronidazole, 1741
and diloxanide furoate combined, 70
compared with emetine and niridazole, 2778
in Pakistan, clinical features, 2507

Amoebiasis—*cont.*
in
Belgium, fatal, (1276)
Brazil, Bragança Paulista, 1297
Canada, Saskatchewan, in Indian reservation, 730
Central African Republic, in native and European populations, 1519
Chile, 310, 311, 1280
France, Nantes University, in students from overseas, 2804
Indonesia
Java, 89, 309
Sulawesi, 1771
Italy, in schoolchildren, 1296
Malaysia, in children, 1087
Mexico, Mexico City, 731
Papua New Guinea, 2649
Philippines, Talim Island, 1769
Puerto Rico, community study, 520
Taiwan, 90, 1499
Uganda, pathology, 504
intestinal, colitis
autoantibodies in, 2508
clinical and laboratory findings, 733, 734, 1985
hepatic abscess after metronidazole treatment, 1987
lymphocytes in, blast transformation, 1018
meningoencephalitis, primary
in
Belgium, 293
New Zealand, 294
U.S.A., 76, 2513
treatment, clotrimazole, 1021
pericarditis, acute suppurative, in Brazil, Bahia, 2264
pulmonary
abscess of right lower lobe of lung, (71)
pleuropulmonary, in Taiwan, 2263
rectal, in U.K., in patient from Burma, 1740
Shigella and, concomitant infection, 1019
Summary of recent abstracts, **pp. 105–118**
treatment
emetine, effect on heart, 2509
metronidazole, 1280, 1741, (1988)
seconidazole, 292
teclosan, in Egypt, 2265
Dientamoeba spp.
antigenic relationships, (1495)
fragilis, ultrastructure and taxonomy, (1504)
Entamoeba spp.
antigenic relationships with *Trichomonas*, *Histomonas and Dientamoeba*, (1495)
cysts, survival at low temperatures, 2257
electron microscopy, comparative, (728)
coli, ultrastructure
cysts, (1282), 2259
nucleus, (2260)
trophozoites, (729), 2258
histolytica
culture
axenic
adaptation to, 727
effect of
antibiotics, 1016
and amoebicides combined, 502
bile salts and surface-active agents, 503
metronidazole, 69

Amoebiasis—*cont.*
Entamoeba spp.—*cont.*
histolytica—*cont.*
culture—*cont.*
axenic—*cont.*
prolonged, loss of pathogenicity and encystment potential, 501
effect of lowered temperature and diluted media, 1274
media
solid, (2503)
Stuart transport, modified, 66
with bacterial associates, media compared, 2774
deoxyribonuclease activity, 1496
glucose transport, 2775
relationships with *Candida albicans*, 68
staining, indirect immunofluorescence, 288
strains
pathogenic, agglutination induced by concanavalin A, 67
Polish
culture at low temperatures, 1274
virulence modified by passage through hamsters, 1281
trophozoites
microfilaments in cytoplasm, 1738
ultrastructure, (1983)
membrane particles and receptors, (1737)
surface active lysosomes and other organelles, 2258
moshkovskii, ultrastructure, surface active lysosomes, (1984)
Balantidiasis
fatal, in child in Ghana, 2782
Summary of recent abstracts, **p. 116**
Coccidiosis
human, due to *Isospora hominis*
antibodies to *Sarcocystis fusiformis* in sera of carriers, 1993
diagnosis, immunofluorescence test with toxoplasma antigen, 2934
in Brazil, cross reactions with toxoplasmosis, 1284
in Poland, first record, 1283
sarcosporidiosis, human, 1875
and animal, epidemiology, 1995, 1996
Summary of recent abstracts, **p. 117**
Isospora spp.
oöcysts in cats in Brazil, 508
relationships with Sarcosporidia, 1875, 1993, 1995, 1996
bigemina, life cycle, 1995
canis, life cycle in dog, (1994)
felis, development in cell cultures, (1285)
Giardiasis
diagnosis
in children with diarrhoeal disease and malabsorption, 1750
phenol-alcohol-formalin sedimentation and polyvinyl alcohol fixative compared, 1298
epidemic of diarrhoea among cruise passengers, 1748
in
Brazil, 736, 1297
Canada, in Chinese immigrants, 1039
Chile, 310, 311, 1280

Giardiasis—*cont.*
in—*cont.*
India, 78, 1749
U.S.S.R., Leningrad, outbreak among Scandinavian students after visit, 1505, 2780
intestinal function and changes in, 507, 2270, 2514, 2515
pancreatic function in children, 78
Summary of recent abstracts, **p. 116**
treatment
furazolidone, in children, 2781
metronidazole, 1280
nifuratel, in children, 736
Hartmannella **spp.** *see also Naegleria* spp.
antigenic relationships, use of indirect fluorescent antibody test, 75
strains
from pet Canadian beaver in Switzerland, 1023
pathogenic, isolated in Rumania, 77
culbertsoni
cysts, degradation by *Alternaria* culture filtrates, 1022
ultrastructure, (1989)
Histomonas **spp.**, antigenic relationships, (1495)
Isospora **spp.** *see* Coccidiosis
Naegleria **spp.** *see also Hartmannella* spp.
antigenic relationships of different strains, 75
associated with meningoencephalitis, 2513
culture, with live and heat-killed bacterial suspensions, 1503
identification, rapid, agglutination and fluorescent antibody techniques, 1990
infectious agent associated with, 2269
fowleri, 1744
associated with meningoencephalitis, 76, 293, 294, 2513
electron microscopy, 1745, 1992
gruberi
and *N. fowleri* cysts compared, 1744
morphogenesis, effects of high hydrostatic pressure, 74
strains, comparative study, 1991
jadini n.sp.
characteristics, 1746
mitotic division, 1747
Trichomonas **spp.**, antigenic relationships, (1495)

DERMATOLOGY AND FUNGUS DISEASES

Dermatoses
dermatitis, schistosomal, (2826)
pararama, due to contact with *Premolis semirufa* caterpillar in Brazil, 1134
protothecosis
human, cutaneous, (608)
selective medium for isolating *Prototheca* spp., (607)
scabies
and pyoderma in Nigeria, Zaria, associated with nephritis, 185
treatment, thiabendazole, 2632
tropical
book review, 220
immersion foot syndrome, in U.S. soldiers in S. Vietnam, 1133, 2631
Mycology
laboratory
examination techniques (book review), 1416
maintenance of pathogenic fungi by lyophilization, 2625
medical, pictorial dictionary, 441
Mycoses
deep, in Kenya, 1128
meningitis, treatment, hyperbaric solution for administration of amphotericin B, 1376
Blastomycosis
in Zaïre, 177
in Zambia, first report, 1613
S. American *see* Paracoccidioidomycosis
Chromomycosis
bibliography, (2945)
book review, 221
in Brazil, geopathology, 178
in Kenya, 1128
Coccidioidomycosis
bronchogluteal fistula in, (2940)
experimental in mice, treatment, amphotericin B with tetracycline, 1856
Coccidioidomycosis—*cont.*
in Mexico, dermal sensitivity to spherulin and coccidioidin compared, 179
in U.S.A., disseminated infections in Indians, 2140, 2626
prostate gland involvement, 180
pulmonary, laboratory infections, 2372
Coccidioides immitis
spherule phase, inhibition by lysozyme, (2939)
ultrastructure, (2938)
Histoplasmosis, due to *H. duboisii*, in
Guinea, osseo-cutaneous form, 2627
Malawi, treatment, co-trimoxazole, 2946
Niger, first report, 1377
Senegal, 1854
intestinal infection, (2139)
Lobo's disease *see* Paracoccidioidomycosis, keloid
Mycetoma
due to
Allescheria boydii, in
Brazil, 1129
India, 877
Aspergillus flavus, in Sudan, 1375
primary paranasal granuloma, 1612
Nocardia asteroides, in Italy, 1855
Phialophora jeanselmei, experimental in mice, (182)
Streptomyces
madurae, in S. Africa, treatment, 1611
pelletieri, in U.S.A., New Orleans, (1130)
somaliensis, in
Brazil, Bahia, 2950
Senegal, intraspinal localization, 2949
in
India, Pondicherry, 2629
Kenya, 1128
Rwanda, treatment, tetracycline, 2948
Turkey, 181
Madurella mycetoma, chemistry and structure related to resistance to treatment, (2630)

Paracoccidioidomycosis
diagnosis
immunodiffusion test, characterization of precipitin bands, 2942
indirect fluorescent antibody and complement fixation tests compared, 1131
in
Brazil
epidemiology, possible role of dogs, 2943
experimental infection, 2944
involving digestive system, 2941
Colombia, cutaneous sensitivity and transmission by contagion, 1379
U.S.A., 1378
Venezuela, cutaneous sensitivity in students, 876
keloid (Lobo's disease), in Brazil
culture of aetiological agent, 1857
spontaneous regression of macular lesions in Caiabi Indians, 603
treatment, sulphamethoxazole combined with trimethoprim, 604
Pemphigus foliaceus, in Brazil, 1132
Phycomycosis
associated with *Entomophthora* in Brazil, (605), 606
fatal, in Brazil, involving pelvic organs and thighs, 2628
in Kenya, 1128
Rhinosporidiosis
in
India, Tamil Nadu, 2947
Kenya, 1128
Paraguay, 2373
Rhinosporidium seeberi
cell wall formation in sporoblasts, (1858)
life cycle, (1380)
Tinea capitis, in Africa, distribution of causative organisms, 2138
Trichophytosis, generalized, in Algeria, due to *T. verrucosum*, 1127

ENTOMOLOGY AND INSECTICIDES

Arthropods
and vector-borne diseases
in Korea, 1155
persistence and recrudescence, (2951)
viruses (book review), 3024
haematophagous, in India, Himalayas, 893
medically important (book reviews), 440, 1637, 1683
Entomology, medical, in Iraq (bibliography), (1905)
Insecticides *see also specific insects*
and viral interaction causing fatty visceral changes and encephalopathy, 2158
biochemical mode of action (book review), 3027
contact, effect of olive oil on knockdown rates, 2669
nomenclature and specification, 1900
spraying
aerial, ultra-low volume, from radio-controlled model aeroplane, (2665)
apparatus
micronized dust gun, modified, (3003)
nozzles, for use in tropical countries, 647
ultra-low volume, errors inherent in operation of, (931)
BHC, adsorption to mud walls, 42
difenphos (Abate) *see* temephos
malathion
effect on aquatic environment in U.S.A., Florida, (3004)
filter for ultra-low volume application, (424)
pyrethroids
new
activity and toxicity, 2674, 2675
photostable compounds, 930
tetramethrin, metabolism in houseflies and rats, (2179)
temephos (Abate), granules, distribution from helicopter, (3005)
valinomycin, 1194
Insects
control
biological, 2191
by nematodes, (1902)
population ecology and (book review), 2191
safety considerations, 1901
viability and pathogenicity of entomogenous fungi after storage, 1904
genetic, (1195)
book reviews, 2193, 3023
growth inhibitors, juvenile hormone mimics, field trials, 635
medically important (book reviews), 440, 1637, 1638
pests and disease vectors, control by viruses (WHO report), 892
physiology (book review), 1679
population ecology and biological control (book review), 2191
trapping, non-attractant apparatus for flight activity studies, 641
viruses and, 892
book review, 3024
Pesticides, nomenclature, specifications, use and residues in food, 1900
Repellents
alkanesulphonamides, 2397
deet, 204
toxicity to *Gambusia affinis*, 1638
plants in Africa
Ocimum spp., 638
Tagetes minuta, 637
Beetles, *Dermestes lardarius*, role in transmission of toxoplasmosis, 2371
Blackflies, Simuliidae
in
Brazil, Altamira, bites associated with haemorrhagic syndrome, 1383

Blackflies, Simuliidae—*cont.*
in—*cont.*
Canada
adult response to colour and shape, 1401
larval populations, unglazed ceramic tiles for sampling, 2403
Costa Rica, bionomics, (1189)
saliva of adult females, anticoagulant activity, 2177
transmission of *Trypanosoma numidae*, experimental in guinea fowl and chickens, 695
trapping, 1401
net and catch-segregating apparatus in motor vehicle, 641
Simulium spp.
audreyae n.sp., in Cameroun, 1663
damnosum, in Liberia, transmission of *O. volvulus*, 573
libériense n.sp., in Liberia, 1402
Bugs, Reduviidae
feeding behaviour, species and stage interaction, xenodiagnosis and, 246
germ-free, rearing and development, 679
infection with *T. cruzi*, effect of different host animals on susceptibility, 1938
morphogenetic juvenilization, spontaneous, in laboratory, (1234)
sex determination in immature forms, (681)
Rhodnius spp.
ecuadoriensis
experimental infection with *T. rangeli*, 2217
in Peru, natural infection with *T. rangeli*, 2216
prolixus
control, experimental attraction to metepa, 2710
development, effect of symbiotic *Nocardia rhodnii*, 679, 2709
feeding, mass technique, 680
ova parasitized by microhymenoptera, 40
T. cruzi infection, influence of sex on rate of, 39
Triatoma spp.
arthurneivai, in Brazil, colonization of artificial ecotopes, 1230
brasiliensis, resistance to fasting, 1232
dimidiata, in Costa Rica, habitat and blood sources, 41
infestans
control, insecticides in Brazil
BHC, adsorption to mud walls, 42
resistance and susceptibility, 247
laboratory rearing, methods compared, 1233
sensitivity of different stages to *T. cruzi* infection, 2711
pseudomaculata, in Brazil, differentiation from *T. maculata*, 2712
rubrovaria, life cycle in laboratory, 2713
sordida, in Brazil
colonization of artificial ecotopes, 1230
house infestation, measurement, 1231
Zelus leucogrammus, Trypanosomatidae in, (43), 2215
Cockroaches
Blatta orientalis
microsporidiosis in, 427
Vibrio infections in, 1015
Cockroaches—*cont.*
Blattella germanica
carriers of bacteria, 2413
Vibrio infections, 1015
control
electrical trap, 2184
insecticides
chlorpyrifos and boric acid compared, 646
diazinon, inheritance of resistance, (1193)
methyl bromide, disinfection of ships, 2413
trichlorphon baits with ammonium carbonate, 1408
microsporidiosis in, 427
repellents, alkanesulphonamides, 2397
Periplaneta americana, control, propoxur and Kepone baits in sewers, (929)
Diptera
biting, seasonal incidence in Uganda, (2404)
blood-sucking, methods for assessing density and survival, (1156)
Nematocera of Oriental region (catalogue), 656
Fleas
control, insecticides, 1895
carbaryl dust in rodent bait stations, 2491
isolation of mitochondria and oxidative activities of enzymes related to resistance, 1262
in
Iran, on gerbil *Rhombomys opimus*, 926
Pakistan, Karachi, on small mammals, 2183
U.S.A., on *Peromyscus maniculatus*, 2491
Ctenocephalides felis, response to electromagnetic radiation, 2672
Xenopsylla spp.
host-flea relationship, histochemical and sex hormone studies, (1896)
cheopis
control, insecticides, 1262
systemic, evaluation, 1895
trichlorphon and dichlorvos in rodent bait, 927
lipids of, (1897)
response to electromagnetic radiation, 2672
Flies *see also* Blackflies; Diptera; Houseflies; Sandflies; Tsetse flies
control, micronized resmethrin dust, tests in dairy barns, 1190
disease and (book review), 440
myiasis
aural, due to Calliphoridae in U.S.A., (2160)
due to *Cochliomyia hominivorax*, outbreak in U.S.A., Texas, 618
due to *Cordylobia anthropophaga*, contracted in Spain, 890
ophthalmic, due to *Oestrus ovis* in
Australia, Queensland, (1631)
Yugoslavia, (619)
Sepedon plumbella, biology and feeding, 1191
Stomoxys spp., feeding behaviour and non-cyclical transmission of trypanosomes, 477
Houseflies, *Musca domestica*
activity, daily patterns, (425)
control
chemosterilants
apholate, 3015
by fumigation, 923

Houseflies, *Musca domestica—cont.*
control—*cont.*
chemosterilants—*cont.*
camptothecin, effective against males and females, 2405
hempa, 3014
thiourea in diet, 922
insecticides
contact, effect of olive oil on knockdown rates, 2669
dichlorvos
non-repellency of, 642
resistance to, in Finland, 3013
malaoxon, resistance mechanism, (2178)
pyrethroids
ultra-low volume ground spraying, (2978)
vaporized aerosols, 2169
resmethrin, micronized, tests in dairy barns, 1190
tetramethrin, metabolism, (2179)
larvae, aseptic culture, pathological condition in, 207
mutants, (3012)
temperature-sensitive, (3011)
strains producing only males, 2406
vicina, ovarian development, (1664)
Midges, biological control with tropical fish, 420
Lice
biting and sucking, of domestic animals in Central Europe, taxonomy and biology, 2412
Pediculus humanus humanus
in Burundi, resistance to malathion, 928
infected with *Rickettsia prowazeki*, effects of antibiotics and immune human antibodies, 984
rearing, improved method, (2673)
Phthirus pubis
from scalp hair, (1898)
scanning electron microscopy, (1899)
Mites
trombiculid, in
India, eastern Himalayas, 1464
Japan, 706, 2747
Leptotrombidium spp.
akamushi, in Japan, vector of scrub typhus, 2748
deliense, in India, eastern Himalayas, bionomics, 1464
kawamurai, in Japan, carrier of *Rickettsia tsutsugamushi*, 706
scutellare, in Japan, vector of scrub typhus, 2747
Mosquitoes
age, 2389
flight performance and fuel utilization of females as function of, (894)
attractants, carbon dioxide compared in Gambia with
bird baits, 2388
calf bait, 896
biting, protection by wide mesh nets in Taiwan and Indonesia, 204
control
biological, (1163)
chemosterilants, aziridinylphosphine amide, 2392
fecundity decrease after feeding on specifically sensitized mammals, 2398
Mosquitoes—*cont.*
control—*cont.*
growth regulators, trials in U.S.A., California, 2977
insecticides
in S. Korea, in ricefields, 2168
in Taiwan, Taipei, comparative trials, 921
spraying
droplet size determined by scanning electron microscope, (423)
ground, ultra-low volume, 1170, (2978)
evaluation, (2666), (2667)
toxicity in adult females compared, 421
dichlorvos, susceptibility of organophosphorus-resistant species in U.S.A., California, 1652
endod molluscicide tested as, 1162
pirimiphos-methyl thermal fog, 2663
pyrethroids
smoke coils, 918
ultra-low volume ground aerosols, (2978)
larvicides
in Czechoslovakia, 1396
polymer formulations, 919, 920, (1397)
sulphonamides, 2402
toxicity to *Gambusia affinis*, 2664
development, effect of temperature, 895
disease transmission, 624, 2972
feeding, sugar, in U.S.A., Florida, (1158)
fungal infection, *Coelomomyces* in U.S.A., Mississippi, (1639)
in
Brazil
Belo Horizonte, (2386)
São Paulo University collection, (1398)
Burma, Rangoon, 626
Canada, Saskatchewan, (1157)
Ethiopia, Omo valley, 2161
Japan, Nagasaki, vectors of *D. immitis*, (822)
Liberia, vectors of *W. bancrofti*, 808
Madagascar, vectors of *W. bancrofti*, 810
Mexico, (2974)
Nigeria, vectors of yellow fever and other arboviruses, 1469
Pacific
South West, Santa Cruz subarea, (2385)
Western, filaria vectors, 1077
Solomon Islands, Rennell and Bellona, 1883
Surinam (thesis), 2972
Tanzania, filaria vectors, 1563
U.S.A., California, overwintering, lipid content, (2661)
U.S.S.R., Krasnoyarsk, (2973)
infection with *P. berghei*, resistance to, 1437, 2697
isoenzymes, study by gel-isoelectric focusing technique, (2976)
larvae, control, biological, (1163)
ova, separation from soil, apparatus for, 2170
ovary, follicular epithelium, cell replication in, 1640
parasites of, (418), (1186), (1187)
in U.S.A., Mississippi, (1639)
Reesimermis spp.
muspratti n.sp., life cycle, (633)
nielseni
axenic growth in insect tissue culture media, (1903)
in U.S.A., 1184, 1185

Mosquitoes—*cont.*
parasites of—*cont.*
Stempellia magna, in U.S.A., Illinois, (2982)
populations
densities, mathematical studies, (1159)
effects of rainfall in Brazil, 1161
estimation methods, 1393
pupae
device for separating male from female, 2387
peritrophic membrane in, (2975)
repellents, 2662
plants in Africa
Ocimum spp., 638
Tagetes minuta, 637
wide mesh netting treated with dust, 204
trapping
human-baited nets, interpretation of results in Pakistan, 634
light traps, 2655
in Korea, 1160
Aedes spp.
breeding in empty *Achatina fulica* shells in Tanzania, 630
control
fecundity decrease after feeding on specifically sensitized animals, 2398
growth regulators, juvenile hormone mimics, trials, 635
insecticides, in U.S.A.
Alaska, (2980)
Tennessee Valley, (1648)
identification key, 2393
in
Angola, (2658)
Canada, Saskatchewan, California encephalitis virus from, 1394
Taiwan, (2394)
ova, surface structure, scanning electron microscopy, (2394)
parasites, *Thelohania*, in U.S.A., Alaska, (418)
aegypti
control
genetic
crossover suppressors, sex-linked, 198
field trials in India, 199, 2193
sex ratio distorter strains, 2995
translocation heterozygote, double, 2994
in Americas, yellow fever and, (1471)
insecticides
fenitrothion, ultra-low volume ground spraying in Thailand, 1170
compared with malathion, 911
malathion, aerial spraying, 631
pyrethroid, vaporized aerosols, 2169
radiation in nitrogen and effectiveness of sterile male technique, 200
fecundity, (907), 2992
genetics
hybridization with *A. albopictus*, absence in Malaysia, 908
new phosphoglucomutase allele in, (1171)
in
Angola, Luanda, yellow fever and, 631, 1169
Colombia, dengue virus from, 995
Fiji, dengue virus vector, 2753
India, Delhi, adult population estimation, 1393

Mosquitoes—*cont.*
Aedes spp.—*cont.*
aegypti—*cont.*
in—*cont.*
Puerto Rico, dengue and, 1962
Thailand, dengue haemorrhagic fever and, 270
infection with
Brugia
larvae, flight muscle damage, 909, (2859)
pahangi, (910)
escape of larvae into water, 1082
nondependence upon host hormones, 2064
susceptibility of males, 564
Dirofilaria immitis, inheritance of susceptibility, 1885
Plasmodium
berghei, mechanism and site of resistance, 1437
gallinaceum
effects of
carbohydrate diets, 1440
parasite density on fecundity, 2992
various compounds on immunity, 1441
gene for suceptibility, 2993
larvae
effects of overcrowding on respiration, (197)
osmolarity of blood under different rearing conditions, (1888)
parasitized by *Reesimermis nielseni*, histopathology, (1186)
oögenesis, oöcytes, electron microscopy (906)
ova
development, ecdysone stimulation of dopa decarboxylase activity, (1649)
vitellogenin syntheses activated by ecdysone, (2395)
predation by *Toxorhynchites brevipalpis* larvae in Tanzania, 1886
repellents, alkanesulphonamides, 2397
virus
disease of densonucleosis type, experimental, 2164
infection of cell lines with mosquito iridescent virus, 2396
albopictus
genetics
hybridization with *A. aegypti*, absence in Malaysia, 908
spermatogenesis, chromosome behaviour, (1650)
in Thailand, related to dengue haemorrhagic fever, 270
mating, selective, and with *A. polynesiensis*, experimental, 912
oviposition in laboratory and in nature, 913
atropalpus, species and subspecies, 2985
cantans, mortality of immature stages in natural habitat, (2987)
cozi n.sp., in Senegal, (1174)
detritus, in
France, autogeny, (2165)
Italy, biology, (1175)
hendersoni, (2986)

Mosquitoes—*cont.*
Aedes spp.—*cont.*
implicatus
in U.S.S.R., first record, (1651)
larval development, (2988)
mascarensis, in Mauritius, ecology and genetic variability, (1173)
mefouensis n.sp., in Cameroun, (2989)
nigromaculis, and *A. sollicitans*, experimental hybridization, (1653)
poecilus, vector of filaria in Philippines, 813
polynesiensis
cross-breeding, experimental, with
A. albopictus, 912
A. scutellaris group, 2990, 2991
oviposition in laboratory and in nature, 913
strains, genetic relationships, 1172
scutellaris group, cross-breeding, experimental, 2990, 2991
sollicitans and *A. nigromaculis*, experimental hybrization, (1653)
taeniorhynchus
blood-feeding requirements, autogeny and, geographical variation in U.S.A., 201
control, insecticides
naled, ultra-low volume ground spraying in U.S.A., Florida, 2979
on Grand Cayman
aerial application, 2166
bioresmethrin, ultra-low volume ground spraying, 2399
togoi, infection with *Brugia*
malayi, superinfection, 914
pahangi larvae, escape from mouth parts, 816
triseriatus
and *A. hendersoni*, differentiation and hybridization, (2986)
control, insecticides, mirex, 2167
vexans, laboratory mating, 1654
Anopheles spp.
age determination from growth layers on apodemes, 2389
control
insecticides, resistance to, 1642, 1882
larvicides in malaria control operations (WHO manual), 954
in
Brazil, Santa Catarina, 1887
Rumania, 1882
Turkey, (625)
U.S.S.R., Crimea, population density changes, 1641
sex ratio, theoretical, of tropical species, 1389
albimanus, control
chemosterilants, aziridinylphosphine amide, 2392
growth regulators, 2977
insecticides, in El Salvador, effect of cotton spraying, 901
larvicides
and drainage, in Haiti, 658
petroleum hydrocarbons, 2391
amictus hilli
autogeny, (417)
infection with *P. berghei*, experimental, 2697
annularis, malaria vector in Burma, 902
annulipes, refractory to *P. berghei* infection, 2697

Mosquitoes—*cont.*
Anopheles spp.—*cont.*
balabacensis, in Thailand, malaria and, 2689
claviger, in U.K., biology, (905)
culicifacies
control, insecticides, DDT susceptibility in India, 1642, 1643
malaria vector in Burma, 1391
elegans, vector of simian malaria in Sri Lanka, (663)
gambiae
activity, mosquito "clock", effect of light, 628
complex
control, genetics, hybrid sterility, trials in Upper Volta, 899, 3023
cytological study technique, 1390
in W. Africa
biology, 898
genetic isolation, 899
geographical and seasonal distribution, 897
species
A
and B
control, insecticides, in Madagascar, effect on population composition and behaviour, 1164
in Nigeria, Kaduna, larval differences, 1644
infections with *W. bancrofti*, experimental, in Tanzania, 1078
resistance and susceptibility to rodent *Plasmodium* infections, 2162
B, in Zambia, Zambesi area, behaviour, 195
D, in Uganda, Bwamba, 1390
ecology, 627
control, larvicides, temephos in
Comores Islands, 2984
Nigeria, 900
fungal infection, *Coelomomyces* in Upper Volta, 2163
labranchiae, in Morocco, use of CDC light traps, 2655
litoralis, hybridization with *A. subpictus*, 1884
maculipennis maculipennis, in France, Montpellier, 2983
minimus
in Thailand, malaria and, 2689
laboratory colonization, (1645)
nuneztovari, chromosomal differences in populations in S. America, 629
punctipennis, esterase polymorphism in, (1392)
quadrimaculatus
control
insecticides
evaluation of residual sprays, 1168
with residual activity, (1646)
toxicity, 1167
after short exposure, 422
larvicides, petroleum hydrocarbons, 2391
infection with *Dirofilaria immitis*, effect of temperature on development and on vector mortality, (2864)
sacharovi, in Greece, resurgence, 1687
sinensis, overwintering in Japan, 1180

Mosquitoes—*cont.*
Anopheles spp.—*cont.*
stephensi
control, in Iran
insecticides
fenitrothion, 196, 2981
propoxur, large-scale trials, 636
larvicides, 14
genetics
chromosomal inversions in, (1165)
chromosome polymorphism and egg size, 904, (2657)
phosphoglucomutase gene, geographical distribution, 2656
infection with
Brugia ceylonensis jayewardene, (127)
P. berghei, passage through salivary glands, electron microscopy, 1219
laboratory rearing, aseptic, (903)
parasites of, *Nosema algerae*, electron microscopy, (1187)
subpictus
hybridization with *A. litoralis*, 1884
salivary chromosomes, (1166)
superpictus, in U.S.S.R., Turkmenia, ecology, (1647)
walkeri, salivary chromosomes, 2390
Culex spp.
control, biological
fish, 420
fungus *Lagenidium*, experimental infection of larvae, 206
repellents, field trials in Israel, 2662
brenguesi n.sp., in Madagascar, (1182)
decens, 2388
food sources in Gambia, 419
infantulus, laboratory colonization, (1395)
pipiens
autogeny in, (1891)
complex
differentiation by immunodiffusion and immunoelectrophoresis, 202
in U.S.A., Ohio-Mississippi river basin, 1889, 1890
cytoplasmic incompatibility
rickettsia-like symbiote and, 916
tests, 1177, 2997
in U.S.S.R., Georgia, (2999)
salivary gland chromosomes, (1655)
fatigans
alkaline phosphatase, (915)
control
genetic, 2193
construction of integrated strains, 2996
cytoplasmic incompatibility, 1177, 2997
growth regulators, experimental assessment, 2977
larvicides
in Comores Islands, 2984
polymer formulations
chlorpyrifos, 919
malathion and temephos, 920
toxicology, 1656
dispersal, effect of seasonal changes in climate, 1176
feeding, artificial technique, 2401

Mosquitoes—*cont.*
Culex spp.—*cont.*
pipiens—*cont.*
fatigans—*cont.*
hibernation, mortality and follicle size during, 203
in India, Delhi, 1176, (2660)
infection with
P. cathemerium
development in midgut, 243
effect on free amino acids and ova production, 667
W. bancrofti
attempt to select non-susceptible strain, 3000
in Tanzania, 1078
pupae, device for separating male and female, 2387
molestus, salivary gland chromosomes, (2998)
pipiens
effects of various compounds on susceptibility to *P. gallinaceum*, 1441
in Germany, seasonal changes in gonoactivity, 2400
in U.S.A., overwintering, 1890
nigripalpus, control, Paris green larvicide, laboratory selection for resistance, 1181
salinarius, resistance to infection with *P. berghei*, 1437
tarsalis
cytogenetic studies, (2659)
in U.S.A., California
control
growth regulators, 2977
insecticides, propoxur, failure to develop resistance, 3002
larvae, population dynamics, flooding, temperature and, (1658)
ovarian development, combined autogenous and anautogenous, (1657)
ovary, effects of hormones, brain and endocrine glands on, 3001
tritaeniorhynchus
genetics
enzymes as markers
alkaline phosphatase, (205)
variants, 1179
of mutants, 1178
summorosus, in Japan
larvae, distribution in rice fields, 917
overwintering, 1180
virus survival and gonotrophic dissociation, 1659
Culiseta inornata, larvae in U.S.A., California, population dynamics, flooding, temperature and, (1658)
Deinocerites pseudes, host preferences in Nicaragua, 632
Eretmapodites quinquevittatus, breeding in *Achatina fulica* shells in Tanzania, 630
Mansonia uniformis
infection with *Brugia* larvae, flight muscle damage, 909, (2859)
larvae, preference for flowering water hyacinth, 1183
Toxorhynchites brevipalpis, in Tanzania, Dar es Salaam, adult population estimate, 1886

Mosquitoes—*cont.*
Tripteroides bambusa, laboratory colonization, (1395)
Moths, *Premolis semirufa* caterpillars, causing skin disease in rubber tappers in Brazil, 1134
Musca **spp.** *see* Houseflies
Reduviidae *see* Bugs
Sandflies, 704
biology in relation to leishmaniasis, 2743, 2744
blood digestion, *Phlebotomus* and *Sergentomyia* compared, (1661)
distribution in buildings, 640
in
Afghanistan, 1660, 2176
Americas (book review), 1911
Dahomey and Togo, 1399
Kenya, 1713
U.S.S.R., 640, 3006, 3007
Lutzomyia spp.
in Panama
sentinel host preferences, 489
study of movements, 3010
boliviana n.sp., in Bolivia, (3009)
flaviscutellata, in Brazil, vector of *Le. mexicana amazonensis*, 490
longipalpis, granule formation in accessory glands, 1892
trapidoi, 3010
sugar feeding under experimental conditions, (2668)
Phlebotomus spp.
alexandri, in Spain, first record, (2171)
ariasi, leishmaniasis vector in France, 699, 700, 979, 1243
chabaudi, female, description, 2172
dyemkoumai, in Congo, redescription, (3008)
leponti n.sp., in Congo, 2175
longipes, midgut and peritrophic membrane, fine structure in female, 1662
mariae n.sp., in Morocco, 2173
ovazzai n.sp., in Guinea, 2174
papatasi
autogeny, studies in Egypt, 639
blood meals, identification, 1400
possible canine leishmaniasis vector, 486
perfiliewi, blood meals, identification, 1400
perniciosus, visceral leishmaniasis vector in Tunisia, 981
simici turanicus n.ssp., 1660
Sergentomyia tiberiadis pakistanica n.ssp., 3007
Warileya yungasi n.sp., in Bolivia, (3009)
Simuliidae *see* Blackflies
Ticks
and tick-borne diseases (bibliography), (2670)
control, acaricides, test method, 1665
in
Cyprus, on migrating birds, epidemiological potential, 2407
Ethiopia, 2180
U.S.A., associated with Rocky Mountain spotted fever, 708
and tularaemia, 1466
Amblyomma spp.
americanum
control, acaricides, laboratory tests, (925)
experimental mating with *A. maculatum*, (209)
in U.S.A., Oklahoma, ecology and behaviour, (1192)
Ticks—*cont.*
Amblyomma spp.—*cont.*
maculatum
experimental mating with *A. americanum*, (209)
in U.S.A., Oklahoma, ecology, (643)
male sex pheromone, (2409)
nymphs, susceptibility to chlorpyrifos in post-engorgement period, (426)
variegatum
atmospheric water vapour uptake, (1893)
effects of immersion in water on immature stages, (644)
Argas spp.
arboreus, diapause and oviposition control by juvenile hormone analogue, (3018)
persicus
and *A. arboreus*, and *A. walkerae*, validity as separate spp., (3017)
assembly pheromone, 924
Boophilus microplus, control, acaricides, 1665
piperonyl butoxide, 2182
Dermacentor spp.
sex pheromone, (2410)
andersoni
fatty acid composition of female, ova and larvae, (210)
spermatozoa and egg passage, ultrastructure, (1407)
pictus, in U.S.S.R., Leningrad region, 1666
Haemaphysalis spp.
concinna, seasonal adaptations, (1404)
verticalis, in China, 208
zumpti n.sp., in southern Africa, (1405)
Hyalomma excavatum
effect of photoperiodic preconditioning on drop-off circadian rhythm, 2408
in U.S.S.R., Turkmenia, development cycle, (1406)
Ixodes spp.
in U.S.S.R., Leningrad region, ecology, 1666
pavlovskyi, in U.S.S.R., vector of encephalitis virus, 2671
persulcatus, in U.S.S.R., activity and longevity, 1667
ricinus
in Czechoslovakia
developmental cycle, 3016
fungal infections, (1894)
radio-isotope tagging, (1403)
Ornithodorus spp.
canestrinii, possible reservoir of virulent *Rickettsia burneti*, 2476
erraticus, vector of *Nuttallia meri*, experimental infection of sandrat, 1149, 1150
lahorensis, first isolation of *Rickettsia burneti* in Iran, 1958
moubata, fecundity, mating and oviposition, (645)
savignyi, coxal fluid, chemical composition, (2411)
Rhipicephalus spp.
appendiculatus
effects of immersion in water on immature stages, (644)
survival in quasi-natural conditions in Kenya, (211)
evertsi evertsi, development and survival, effect of temperature and humidity, (1668)

Ticks—*cont.*
Rhipicephalus spp.—*cont.*
sanguineus complex, in Israel, (2181), 2232
turanicus, experimental infection with *Leishmania donovani*, 699

Tsetse flies
blood meal identification, 1449
book review, 1419
control, 976
ecology, 976, 1939
in Nigeria, trypanosome infection rates, 1444
infection with trypanosomes, peritrophic membrane penetration, 1445
parasites or commensals, acarine, (47)
repellency of man to, epidemiology of sleeping sickness in Rhodesia and, 2723
rickettsia-like organisms in, 1462
trapping, 977, 1939, 2222
Glossina spp.
austeni
changes in pregnancy in neurosecretory cells and other structures, (2726)
effect of sulphaquinoxaline in diet on fecundity, 471
flight muscle growth, ultrastructural changes, 44
nutrient transfer in reproductive cycle, (472), 2725
ovarian bacteroid symbionts, 2453
protein synthesis in abdominal tissues, 2725
fuscipes
mode of attachment of *T. vivax* to proboscis, (2730)
trapping, new modification of Swynnerton trap, 977

Tsetse flies—*cont.*
Glossina spp.—*cont.*
fuscipes—*cont.*
virus-like particles in, 2221
morsitans
amino acids, radioactive studies, 2220, 2724
experimental infection with *T. brucei*, 1237
membrane feeding in relation to, 2727
in Sudan, Darfur, distribution and advance, 1236
probing responsiveness, effects of starvation and time of day, 978
sex ratio distortion and semi-sterility in progeny of irradiated males, 46
spontaneous laboratory activity at low temperatures, 1447
symbiont-free, production of, 470
centralis, haemolymph, amino acid analysis, 1446
morsitans, rates of embryonic development, 45
pallidipes, trapping, new modification of Swynnerton trap, 977
palpalis gambiensis, in Upper Volta
breeding technique, 1448
savanna, ecology, 1235
trap, description and field trials, 2222
swynnertoni, in Tanzania, Serengeti
activity cycle, 694
role in trypanosomiasis transmission, 467, 469
tachinoides, in Upper Volta, new trap for, 2222

HAEMATOLOGY

Haemoglobinopathies
detection *in vitro*, 2342
in Indonesia, Sumatra, 1821
in Jamaica, in adults, (160)

Anaemia
bacterial and malarial infections and, 2599
clinical importance, 148
helminthic, *including* hookworm *see* HELMINTHIASIS index
iron deficiency *see* NUTRITION index
nutritional *see* NUTRITION index
pernicious *see* NUTRITION index
sickle cell
arthritis in, 1108
blood viscosity, 590
effect of anaesthesia, (1112)
bone marrow and mineral, scintigraphic studies, 383
crises
in U.S.A., 1826
related to temperature and humidity, 1584
infections and, immunological changes in Ghana, 150
prophylaxis, sodium bicarbonate, 2108

Anaemia—*cont.*
sickle cell—*cont.*
crises—*cont.*
treatment
ancrod, 1110
cyanate, 1362
urea, 1826
diagnosis
glycerol lysis time as screening test, 1817
in newborn infants, 2912
by agar gel electrophoresis, 1361
effects of exercise
cardiopulmonary responses and gas exchange in adults, (1823)
rhabdomyolysis, precipitating fatal crisis, 1824
erythrocytes *see* Blood, erythrocytes
folate deficiency and, in children, 2905
G6PD deficiency and, 1585, 2344
haemoglobin
A_2 and F levels in, 2114
Memphis associated with, 590
peptide chains, synthesis of, 2346
in
Africa, in children, 2103

Anaemia—*cont.*
sickle cell—*cont.*
in—*cont.*
Cuba, post-mortem study, (2909)
Uganda, Kampala, 382
U.K., Birmingham, in immigrant children, 587
platelet function and survival in, 151
renal
failure treated by maintenance haemodialysis, 2603
function in, (588)
sickling, effect of
cyanate dietary precursors, 591
hypotonic saline, 1587
splenic calcification in adults, 1825
treatment
cyanate, (1114), 1362, 1586, 2110, 2348
effect on fibrinogen clotting, (2907)
extracorporeal treatment of blood in monkeys, (2349)
polyneuropathy after, 2906
in pregnancy, 2347
surgery, 2604
sickle cell-haemoglobin C disease, in
Mali, Bamako, (1367)
U.S.A., 1584, 2343
transient functional asplenism in, 589
sickle cell-thalassaemia, in
Ghana, in women, benign obstetric history, 155
Lebanon, (846)
sickle cell trait
avascular necrosis and erythrocytosis, (1109)
diagnosis, 2912
automated filter paper dithionate test, 153
radioimmunoassay, 2106
rapid electrophoretic screening system, (1113)
in
Cameroun, in pygmies, 149
Nigeria, 2105
Senegal, Sérer tribe, 2104
U.S.A.
prevalence, age trends, 844
screening of military recruits, 2343
Zaïre, 2604
in airline pilots, aviation safety and, 2904
leprosy and, (2605)
surgical complications and, 2908
thalassaemia
dermatoglyphics in, (847)
hepatitis B antigen in
children in Thailand, 386
multitransfused patients, 1363
α-thalassaemia
associated with Hb Icaria, 2612
detection in neonates, 1829
in
Australia, in
Chinese infant, (2910)
family, (1116)
Colombia, and Hb H in family, 2914
Ghana, 155
β-thalassaemia
and δβ-thalassaemia in doubly heterozygous children, 385
bone marrow aplasia due to pyrimethamine, 2911

Anaemia—*cont.*
thalassaemia—*cont.*
β-thalassaemia—*cont.*
differentiation from iron deficiency anaemia by red cell osmotic fragility, 2608
erythroblasts
intranuclear haemoglobin in, 1830
nuclear abnormalities, electron microscopy, (848)
erythrocyte membrane deformability, cation content and, 2607
globin synthesis, (2606)
in U.S.A., in Negroes, 154
mRNA, 2351
translational control in bone marrow, (1364)
in
Australia, haemoglobin levels in pregnancy, 592
Iran, in patients with favism, 161
Switzerland, due to new mutation, 845
U.S.A., with Hb Inkster, 1831
inclusion-body, clinical manifestations, 2111
interaction
between B^0 and B^+ types, 1118
with Hb E, 1117
serum vitamin E levels, (849)
splenectomy, effects of, 2609
treatment, iron chelation, 2112
urinary iron excretion after desferrioxamine administration in children, 2113

Blood
components, separation, new method, 389
eosinophilia *see* GENERAL index, Eosinophilia
erythrocytes
deformability, effect of cyanate, 1586
disorders, glycerol lysis time as screening test, 1817
G6PD deficiency
detection
comparative enzyme assay, 1588
methylene blue reduction test, 2598
with blood on filter paper, 2102
haemolysis induced by co-trimoxazole, 1820
in
Indonesia, Sumatra, 1821
Iraq, 843
favism and, 162
Jordan, 843
Madagascar, 1589
Papua New Guinea, 2598
Puerto Rico, variants associated with, 163
Réunion, 1819
U.S.A., sickle cell anaemia and, 1585, 2344
platelet function in, 2340
sickle cell
cation content and transport, structural changes in membrane and, (1828)
composition, 2107
elevated calcium level in, (384)
human, in rats
effect of haemoglobin carbamylation, 1827
resistance to hypoxia, 2903
irreversible, generation *in vitro*, 1111
sickling rate, stages in, 2602
survival, effect of
cyanate, 2109, 2110
oral urea, 152

Blood—*cont.*
haemoglobin
abnormal, in
Cuba, 2900
in children, (2901)
India, in armed forces, 850
Kenya, 1365
U.K., Birmingham, screening for, 587
levels
differences in races in U.S.A., 2899
in infants in Jamaica, 2341
quantitation, immunodiffusion method, 2912
reaction of cyanate with α and β subunits, (1115)
A_2
abnormal, Hb A'_2 in Senegal, 2913
determination
cellogel electrophoresis and pseudoperoxidase reaction, 2610
microchromatography, (1590)
visual assessment, 1591
levels in sickle cell anaemia, 2114
Abraham Lincoln, synthesis, (1833)
Belfast, (2915)
C, in Bedouin tribe in Israel, (1592)
Chad, in Chinese family in Taiwan, (1366)
Constant Spring, homozygous state, (1122)
D Iran, with thalassaemia, (156)
D Punjab, in Iran, severe haemolytic disese due to favism, 161
E
and Hb E Saskatoon, in Canada, (157)
identification in ethnic groups in Sri Lanka, 2352
interaction with thalassaemia, 1117
F, levels in sickle cell anaemia, 2114
F Malaysia, (1593)
G Philadelphia, with Hb S, inherited hybrid in family, 1119
H
and Hb Bart's, separation by electrophoresis, (593)
disease
effect of iron deficiency, 159
in Iraq, 2611
Blood—*cont.*
haemoglobin—*cont.*
H—*cont.*
thalassaemia and, 2914
Heathrow, causing familial polycythaemia, 387
Icaria, causing α-thalassaemia, 2612
Inkster, 1831
J, and Hb S, in family, (1120)
J Nyanza, 1365
J Oxford, in pregnant Sicilian woman in Australia, 158
Kenya, 1365, 1832
Köln, oxygen transport in patient, (2916)
Leiden, (2917)
Lepore, in Iran in two families, 1594
Memphis, with sickle cell anaemia, 590
Moscva, (1834)
O Arab, in gypsy family in Yugoslavia, 388
Perth, (1123)
Rush, (1124)
S
and Hb J, in family, (1120)
carbamylated, biochemistry and physiology, 2110
deoxy form, effect of chemicals on solubility, 2350
detection methods, 153, (1113), 2106
gelation and hybrid tetramer formation, 2902
interaction with Hb Stanleyville II, 1121
oxy form, abnormal precipitation by mechanical shaking, 2345
with Hb G Philadelphia, in family, 1119
San Diego, (851), (852)
Stanleyville II, interaction with Hb S, 1121
serum
autoantibodies in patients, in Uganda, 2601
ferritin as measure of iron stores, (2329)
Jaundice, in Ghana, associated with hepatitis B antigen and yellow fever, 1256
Thrombocytopenia, and leucopenia, pyrimethamine-induced, in association with subclinical sprue, 3

HELMINTHIASIS

Helminthiasis *see also* GENERAL index, Parasitic diseases
animal infections, 1422
in Chile, Bio-Bio, in farm animals, 312
anthelmintics *see also specific infections*
animal infections and, 1422
pharmacology, 756
antimonyl potassium tartrate, effect of penicillamine, 781
helminths
nematodes
biological control of insects by, 1901, (1902)
larvae
milk-borne infection of mammals, 340
purification technique, 800
parasites of mosquitoes *see* Entomology index
Helminthiasis—*cont.*
helminths—*cont.*
nematodes—*cont.*
phosphorylcholine components, immune response to, 2838
ova, counting device, 757
trematodes
biology (book review), 938
microsporidian parasites of larvae in snails from Malaysia, 2308
susceptibility of snails in Iran to infection by local and foreign spp., 755
hosts
crustacean, *Parathelphusa grapsoides* in Philippines, 790
molluscan
control, 769

Helminthiasis—*cont.*
hosts—*cont.*
molluscan—*cont.*
control—*cont.*
biological
fly *Sepedon plumbella*, biology and feeding, 1191
snail *Potamopyrgus jenkinsi*, competitive introduction in Corsica, 2556
molluscicides
aerial application, 537, 2825
in Kenya, cost evaluation, 2293
niclosamide, in Rhodesia, 773, 1770
N-tritylmorpholine, field trials in Cameroun, 772
infection with trematode miracidia of tentacles *in vitro*, 2294
susceptibility and infection index, 2298
packing for long-distance transport, (2555)
Achatina fulica
in Japan, transmission of *Angio. cantonensis*, 1075, 2059
intermediate experimental host of *Angio. vasorum*, 1791
Biomphalaria spp.
control, biological, with snail *Helisoma duryi*, 2824
in Uganda, 523, 2023
alexandrina, phosphoglucoseisomerases in, *S. mansoni* infection and, (1528)
glabrata
amines, 5-hydroxytryptamine and dopamine, distribution in, 2560
cell culture, (538), 776, (2558), (2559)
cercarial shedding, effect of
diet and crowding, 777
temperature and light, 325
control, molluscicides, niclosamide, 101
aerial application, 537
genetics
abnormality, (2823)
susceptibility to *S. mansoni* infection, 1315, 1316
in
Brazil, 1316
attraction to betalights, 536
control, molluscicides, 101
infection with Angolan strain of *S. mansoni*, 2297
Puerto Rico, *Ribeiroia marini* in, 1300
St. Lucia
control, molluscicides, 537, 774
infection by miracidia
decoy effect of other aquatic animals, 775
effect of temperature on penetration and development, 2027
Surinam (thesis), 765
infection by *S. mansoni*
and starvation effect on carbohydrate reserves, (2295)
experimental, 2297
via fomites, 778
metabolism, nutrition, (2296)
serum proteins and fractions, reduction of, 1314
mating, experimental, with *B. tenagophila*, 1317

Helminthiasis—*cont.*
hosts—*cont.*
molluscan—*cont.*
Biomphalaria spp.—*cont.*
pfeifferi, in
Liberia, 762
Sudan, infection by *S. mansoni*, 2819
straminea, in Brazil, shell abnormalities in laboratory population, 1318
sudanica
in Sudan, resistance to *S. mansoni*, 2819
ionic properties of capsular fluid, (539)
tenagophila, mating, experimental, with *B. glabrata*, 1317
Bulinus spp.
control, biological, with snail *Helisoma duryi*, 2824
in Uganda, 523
in Yemen, 2557
laboratory maintenance, 1533
globosus, in Liberia, 762
truncatus,
in Iraq, control, (100)
infection by *S. haematobium*, effect of niclosamide, 2028
Galba truncatula see *Lymnaea*
Indoplanorbis exustus, infection with *S. spindale*, failure of control by trematode antagonism, 2302
Lithoglyphopsis aperta, infection with *S. japonicum* in Laos, 543, 2030
Lymnaea spp.
cousini, susceptibility to *F. hepatica* in Ecuador, (1319)
cubensis, infection with *F. hepatica*, 331
gedrosiana, in Iran, (2031)
experimental infection with *Ornithobilharzia turkestanicum*, (2032)
rubiginosa, trematode infections, antagonism, (1054), (1055)
and synergism, (545), (2562)
stagnalis, ionic properties of capsular fluid, (539)
truncatula, effect of *F. hepatica* infection on
digestive gland, histochemistry, (544)
growth, 332
Oncomelania spp.
control, burning by flame throwers, in Japan, 330
hupensis nosophora, infection by uni- and bi-sexual *S. japonicum*, statistical probabilities, (785)
human infections
diagnosis, stool examination
book review, 1424
concentration methods, 1520
Kato's method, 1521
phenol-alcohol-formalin sedimentation and polyvinyl alcohol fixative compared, 1298
eosinophilia studies after treatment, 307
in
Brazil, 521, 1041
Bragança Paulista, 1297
Burma, 2805
Canada, 1783
in Chinese immigrants, 1039
Central African Republic, 1519

Helminthiasis—*cont.*
human infections—*cont.*
in—*cont.*
Chile
in boarding schools, 310
Valdivia, in young children, 311
Costa Rica, 1040
France, Nantes University, in students from overseas, 2804
Germany, West, in foreign workers, 308, 2013
Indonesia
Java, 89, 309
Sulawesi, 1771
Italy
Brindisi, in schoolchildren, 1296
Mantua, 88, 1037
Japan, in remote areas, 1038
Mali, mass surveys, 1521
Nepal, 519
Papua New Guinea, 2649
Philippines, Talim Island, 1769
Puerto Rico, 520
St. Lucia, effect on economic development (book review), 2418
Taiwan, in aborigines, 90
Uganda, 522
Zaïre, 131
treatment
mebendazole, 131
in mixed infections, 121, 521, 1040, 1041, 2571
piperazine, toxicity and interaction with chlorpromazine, 522
thiabendazole, fatal intrahepatic cholestasis due to, 2542
Summary of recent abstracts, **pp. 989-1001; 1085-1093; 1197-1220**

Angiostrongyliasis
animal, in rats in
Indonesia, Jakarta, 2577
Japan, 1075, 2059
S. Vietnam, Saigon, 1790, 2058
experimental in monkeys, immunodiagnosis, 123
human
in Taiwan, in suspected Japanese encephalitis patients, 1555
ocular, in S. Vietnam, 2058
Angiostrongylus spp.
cantonensis
antigens for diagnostic tests, 122, 2846
intermediate hosts in
Indonesia, Jakarta, 2577
Japan, 1075, 2059, 2845
costaricensis, life history, 1556
vasorum, experimental intermediate molluscan host, 1791

Anisakiasis
human
diagnosis, fluorescent antibody method, antigens for, 343, 805, 1552, 2317
in Canada, due to *Phocanema*, 1554
in U.S.A., New York, due to *Terranova* or *Phocanema*, 1553
Anisakis spp., larvae in herring in North Sea, (2842)

Ankylostomiasis
animal, in dogs, (1330)
and cats in Malaysia, Kuala Lumpur, 1329

Ankylostomiasis—*cont.*
animal, in dogs—*cont.*
treatment, mebendazole, 121
experimental *A. braziliense* in dogs and cats, (1785), (2575)
human
anaemia in, blood, red cell and plasma volumes, (2574)
diagnosis, stool examination, differentiation from strongyloidiasis, 119
in
Brazil, 2572
in schoolchildren, due to *N. americanus*, 121
Papua New Guinea, immunoglobulin E and eosinophil levels, 2843
Rhodesia, 345
and *Ternidens deminutus* infections, 344, 2318
Senegal, Dakar, 1551
treatment
bitoscanate, 345
mebendazole, 121, 1040, 1565, 2571
pyrantel embonate, 1071, 1072, 1551, 1783, 2318, 2573
and 1-bromonaphthol compared, 1784
and mebendazole compared, 2572
in Japan (bibliography), (2053)
Ancylostoma spp.
braziliense
compared with *A. ceylanicum*, 2844
in Malaysia, 1329
caninum, in Cuba, (1330)
ceylanicum, 2844
in Malaysia, 1329
Necator americanus
anterior glands, (1073)
atypical, from man in Iran, 806
Armillifer see Porocephaliasis

Ascariasis
animal, in pigs, epidemiology, (2841)
experimental in
dogs, sensitivity, 2570
guineapigs, causes of anaemia, 2050
human
biliary, multiple infection in woman in Chile, 342
cardiac, in child in Brazil, 558
diagnosis, indirect haemagglutination test, 2049
epidemiology, (2841)
in
Brazil, Salvador, in schoolchildren, 2571
Senegal, Dakar, 1551
U.S.A.
S. Carolina, in schoolchildren, 1069
Virginia, family infections, 2569
U.S.S.R., in schoolchildren, duration of season of infection, 2049
treatment
mebendazole, 1040, 2571, 2572
pyrantel embonate, 1072, 1551, 1783, 2572
and piperazine citrate in schoolchildren, 1069
single dose, trials in Lebanon, 2316
thiabendazole with viprynium embonate, 1086

Ascariasis—*cont.*
Ascaris spp.
lumbricoides
and *A. suum*, morphological differences, 803
from pigs, perivisceral fluid, biochemistry, (557)
ova production, (1782)
ovis, synonymous with *A. suum*, (1070)
suum, (1070)
antigen, isolation and characterization, 2570
effect of antiserum on intestinal maltase, 1550
larvae, 2050
development *in vitro*, (2051)
Bertiella studeri, human infection in Saudi Arabia, in immigrant from Yemen, 2310
Capillariasis
animal in,
cats, in Australia, first record of *C. aerophila*, 361
rats, hepatic, first report from Chile, 577
experimental in
Mastomys natalensis, serum enzyme activation, (1803)
mice, serology, 2868
human
intestinal, treatment, thiabendazole and other drugs compared, 578
pulmonary, in child from Morocco, 132
Capillaria hepatica, 2868
cephalic sense organs and feeding site and mechanism, (2867)
Centrocestus formosanus, experimental infection in chicks, (2828)
Clonorchiasis
experimental in rabbits, host-parasite relationships, 2036
human
in Japan, study by percutaneous cholangiography, 334
in Malaysia, possible autochthonous infection, 789
treatment, toluene-2, 4-diisothiocyanate with hexachloroparaxylene, 334
Cysticercosis *see also* Taeniasis
animal, in pigs in Brazil, 2314
human
diagnosis, fluorescent antibody tests and indirect haemagglutination, 335
with delipidized particles of *C. cellulosae*, 1060
in Indonesia, W. Irian, 1059
neurological, in Latin America, epidemiology, 1540
ocular, 112
retraction syndrome in Bolivia, 1323
subretinal, in Venezuela, (1061)
oral, in India, 2566
Dicrocoelium dendriticum, life cycle, (108)
Dipetalonema **spp.** *see* Filariasis
Diphyllobothriasis
human, in
China, (549)
Canada
B.C., *D. ursi* infection, 1537
Ontario, 2831
Taiwan, 2564
Thailand, 2037
Diphyllobothriasis—*cont.*
Sparganum proliferum, virus particles in, 1539
Spirometra spp.
biology, growth factor and, (1538)
mansoni, in Korea in snakes, (2039)
Diplogonoporus grandis, human infections in Japan, 2038
Dipylidium caninum **infections**
animal, in dogs in Egypt, 559
human, in child in U.S.A., Alabama, 109
Dirofilariasis *see* Filariasis
Dracontiasis
human
in
India, Madhya Pradesh, epidemiology, 2847
Iran, 1971 survey, 124
Qatar, calcified lesions, 2848
treatment, metronidazole
and niridazole compared, 1792
trials in Nigeria, 1076
Dracunculus medinensis in Ghana, control of cyclops by temephos insecticide, 2578
Echinochasmus **spp.**, human infection in Japan, 546
Echinococcosis *see* Hydatid disease
Echinostoma **spp.**
antagonism in *Lymnaea rubiginosa*, (1054), (1055)
and synergism, (545), (2562)
macrorchis, human infection in Japan, 546
malayanum
control of *S. spindale* infection in *Indoplanorbis exustus*, 2302
experimental second intermediate hosts, (107)
Enterobiasis
in Japan, eosinophilic granulomas due to, 2840
in U.S.A.
Connecticut, pulmonary nodule, 801
Virginia, in children, 2569
treatment
mebendazole, trials in children, 1068, 2571
metronidazole, 802
pyrantel embonate, single dose, 2316
Enterobius vermicularis
gonad and spermatogenesis, (556)
ova, shell, (555)
Fascioliasis
animal, in cattle in
Dominican Republic, 331
Ecuador, (1319)
experimental in rats, immunity
and infection, influence of extrahepatic flukes, (2306)
effect of age on resistance, 1775
to superinfection, 1774
transfer by lymphoid cells and serum, (2307)
human
biliary tract involvement, jaundice and intestinal bleeding in child from Tanzania, 1534
diagnosis, double diffusion precipitin test, 1535
due to *F. gigantica*, (2035)
hepatic and subcutaneous, in Zaïre in European woman, 787
in
Japan, possibly due to *F. gigantica*, 2034
Peru, in schoolchildren, 1053
U.K., laboratory-acquired, 1535

Fascioliasis—*cont.*
Fasciola spp.
staining technique for glands in miracidia, (1536)
gigantica
antigen for diagnosis of *S. haematobium* infection, 315
metacercariae, vertical distribution on rice stems, (2827)
hepatica
electron microscopy, (2033)
in snails *Lymnaea truncatula*, 332, (544)
Fasciolopsiasis
in Taiwan, in schoolchildren, 788
Fasciolopsis buski, cultivation *in vitro*, (2561)
Filariasis
experimental in rats, treatment, diethylcarbamazine, colorimetric determination in urine, 353
human
chyluria, treatment, dietetic, medium chain triglycerides, 352
diagnosis, 125, 820, (2063)
blood sampling methods for microfilariae, 560, 561, 2579, 2853
fluorescent antibody test, embedding technique for antigen, 1085
indirect haemagglutination with *D. immitis* antigen, 811
elephantiasis, 1794, 2061, 2853
in
Fiji, 560
India
Bombay, 811
Dhanbad, 812
Lucknow, 2851
Indonesia, Sulawesi, in migrants from Java, 1689
Madagascar, epidemiology, 810
Philippines, (1557)
Sablayan, 813
Polynesia, French
Marquesas Islands, 351
Tahaa Island, 2061
Sudan, 1794
Upper Volta, (807)
Western Samoa, 560
Zaïre, Mayembe region, 1793
research in Japan (book review), 439
Breinlia sergenti
effect of diethylcarbamazine *in vitro*, (575)
experimental infection in slow loris
microfilarial production and eosinophilia, (2326)
treatment, levamisole and diethylcarbamazine compared, 130
microfilariae, ultrastructure, (1338)
Brugia spp.
larvae in mosquitos, effect on flight muscles, 909, (2859)
ceylonensis jayewardene microfilariae, experimental development in *An. stephensi*, (127)
malayi
experimental infection in
baboons, 1558
cats
interaction with *Streptococcus*, 818
treatment, levamisole, 2855

Filariasis—*cont.*
Brugia spp.—*cont.*
malayi—*cont.*
experimental infection in—*cont.*
jirds, 356
worm burdens and prepatent periods, 563
rats and golden hamsters, evaluation as hosts, 1080
human infections
in
Indonesia, Sulawesi, (815)
Korea, mosquito vectors, 1155
Malaysia, treatment, levamisole, 2322
Philippines, Eastern Samar, (814)
pulmonary, 2321
microfilariae, ultrastructure, (2854)
vectors
Aedes togoi, superinfection of, 914
in Western Pacific, 1077
pahangi
effects of anthelmintics compared with *D. viteae* and *L. carinii*, 1796
experimental infection in
cats, antibodies against adult and microfilarial antigens, 2856
hamsters, 1080, 1795
jirds, 356
effect on lymphatic system, 2857
intraperitoneal route, 355
oral transmission, 817
rats
and golden hamsters, evaluation as hosts, 1080
increased susceptibility by host selection, 354
microfilarial periodicity in, 1081
larvae, escape from *Aedes aegypti*, into water, 1082
togoi mouthparts, 816
microfilariae, ultrastructure, (2320)
spermatozoa, morphological changes in uterus, (1333)
structure of cuticle, 2065
vectors, *Aedes aegypti*, development in, (910), 1082, 2064
in males, 564, 2858
patei, experimental infection in jirds, 357
Dipetalonema spp.
and *Dirofilaria* spp., histochemical differentiation, 1562
microfilariae in monkeys in Panama, 2708
dracunculoides microfilariae from dogs, as antigen for diagnostic tests, 820
evansi, antigen for diagnostic tests, 125
perstans, infections in Spain in patients from Spanish Guinea, 2580
semiclarum n.sp., from man in Zaïre, 2863
viteae
effects of anthelmintics compared with *L. carinii* and *B. pahangi*, 1796
experimental infection in jirds, (2071)
dirofilariasis
animal, in dogs
diagnosis, haemagglutination and immunodiffusion tests, specificity, 574
due to *D. repens*, in Italy, 821
experimental in dogs, immunogenicity of irradiated larvae, 2325

Filariasis—*cont.*
dirofilariasis—*cont.*
human, in
Italy, subcutaneous infection, 821, 1801
U.S.A.
Boston, presumptive case, (2324)
Miami, pulmonary, 1561
Dirofilaria spp.
and *Dipetalonema* spp., histochemical differentiation, 1562
immitis
antigen for indirect haemagglutination test, 811
mosquito vectors
Aedes aegypti susceptibility, genetics, 1885
An. quadrimaculatus, development in, effect of temperature, (2864)
development in, in Tanzania, 1563
in Japan, Nagasaki, (822)
filariae
laboratory models, life-cycle patterns, 565
microfilariae
detection in blood, methods compared, 560, 561, 2579, 2853
periodicity, statistical analysis methods, 1079, (2849)
transmission by blood transfusion, 1878
Litomosoides carinii
effects of anthelmintics compared with *D. viteae* and *B. pahangi*, 1796
experimental infection in
cotton rats, treatment, F151 compound, 1452
Mastomys natalensis
haematological changes, (360)
host-parasite relationship, 2865
microfilaraemia and adult worm population, (1337)
serological tests, 2072
treatment, suramin, 2073
rats, host cell response, 1802
loiasis, in Uganda
in immigrants from Sudan, 1797
ocular, 1083
Meningonema peruzzii, possible cause of cerebral filariasis in Rhodesia, 1336
onchocerciasis
animal, in horses in U.S.A., Louisiana, 1800
diagnosis
double diffusion with heterologous antigens, 129
immunofluorescence
and biopsy techniques compared, 567
antigens for, 128
skin snips, (819)
nomogram for assessment of microfilarial densities, 2066
experimental in
chimpanzees
rhythm of microfilarial concentration in skin snips, 2862
treatment
levamisole, 1560
mebendazole, ineffective, 2068
metriphonate, 2861
suramin, 2067
rabbits, eye lesions from forest and Sudan-savanna strains compared, 1335

Filariasis—*cont.*
onchocerciasis—*cont.*
in
Brazil, 1084, 1798
Cameroun, 359
Canada, in patients from W. Africa, 1334
Ethiopia, 128, 567
unrelated to elephantiasis of lower extremities, 1387
France, in patient from Mali, nephrotic syndrome and, 1559
Togo, 1085
Uganda, Lake George area, 566
U.S.A., contracted in Africa, limb swelling in, 2323
W. Africa, 568, 569
ocular, 571
glaucoma in Ghana, 570
in Cameroun, 572, 2860
papillitis in Chad, 358
treatment, topical diethylcarbamazine, 572
treatment, diethylcarbamazine
and suramin, 358, 359
reactions to, 1799
Onchocerca spp.
cervicalis
experimental infection of jirds, 2069
from horses in
U.K., morphology and taxonomy, (2070)
U.S.A., 1800
volvulus
microfilariae in
anterior chamber of eye, variations in numbers, 571
urine, 359, 568, 569, 1559
and blood before and after diethylcarbamazine treatment, 2860
transmission by *S. damnosum*, quantitative studies in Liberia, 573
Wuchereria bancrofti
experimental infection of *An. gambiae* and *C. p. fatigans* compared in Tanzania, 1078
human infection
diagnosis
blood films, after diethylcarbamazine provocation, 2852
indirect immunofluorescence, antigens for, 128
microfilarial distribution in peripheral blood at different sites, 351
skin tests
effect of diethylcarbamazine, 2062
with *Dipetalonema evansi* antigens, in Egypt, 125
in
Comores Islands, 809
Ethiopia, 2850
India, 532
Calcutta, 128, 350
Sri Lanka, 2852
Sudan, new endemic areas, 1794
Tonga, 2853
treatment
diethylcarbamazine, 560
dislodging and microfilaricidal activities, 562
levamisole, 126

Filariasis—*cont.*
Wuchereria bancrofti—*cont.*
microfilariae, rhythm, effect of diethylcarbamazine, 562
strains in Madagascar and Comores Islands compared, 810
vectors in
Comores Islands, control, 2984
Liberia, transmission studies, 808
Philippines, *Aedes poecilus*, 813
Tanzania, *An. tenebrosus* laboratory studies, 1563
Western Pacific, 1077
Gastrodiscoides hominis, life cycle, (786)
Gnathostomiasis, human, in Cambodia, first record, 349
Haemonchus contortus, human infection in Iran, first report, (1787)
Hookworm infection *see* Ankylostomiasis
Hydatid disease
animal, in
Canada, Alberta, *E. multilocularis* in deer mice, 2837
Chile, in farm animals, location of cysts, 1326
Egypt, in dogs, 559, 2046
Germany, West, *E. multilocularis* in cat and dog, 2835
Iran, in sheep and goats, 796
Iraq, 1325, 2568
Italy, Sardinia, in dogs, 1066
U.S.A., N. Dakota, *E. multilocularis* in deer mice, 2836
experimental in
laboratory animals
growth of *E. multilocularis*, 1545, 1780
host immunoglobulins in cyst membranes, 117
mice
quantitative studies, (797), (798)
secondary infections, 118, 2834
susceptibility of different strains, 1546
treatment, timing related to results, 1327
human
alveolar, in U.S.A., Alaska, St. Lawrence Island, 799
cysts, in
heart, 1064, 2047
interatrial septum, in child in U.K., Wales, 115
liver, 1543
lung
associated with *S. haematobium* ova in Mali, 1043
surgical treatment, 2567
orbit, (1065)
pelvis, in Bantu female in S. Africa, 338
skull, (116)
spleen, 1541
thyroid gland, (2048)
diagnosis
double gel diffusion, 337
and intradermal test compared, 554
serological
and skin tests, evaluation, 336
cross reactions with schistosomiasis, 114
methods compared, 1544, 1779, 2832
in
Argentina, southern, 336
Australia, 1543
Chile, 2832
Hydatid disease—*cont.*
human—*cont.*
in—*cont.*
Egypt, 114
Iceland, elimination, 1062
India, (116), 1778
Iran, 796
Iraq, (1065), (2048), 2568
Mongolia, Casoni skin test survey, 1063
Spain, 1064, 2567
Valencia Province, 113
Switzerland, 1956-69 incidence, 552
U.S.S.R., Kazakhstan, in sheep-breeding areas, 1542
Echinococcus spp.
granulosus
cysts, permeability to water, sodium and chloride, (2833)
growth and development in abnormal host *Mus musculus*, (1324)
larval forms, ultrastructure, (551)
ova, effect of bunamidine hydrochloride on infectivity, 1777
scoleces, effect of sodium chloride and formalin, 339
multilocularis
in U.S.A., Alaska
ecology, (553)
rearing of adult from sterile larvae, 799
protoscoleces, intraperitoneal passage in laboratory animals, 1545
Hymenolepis **infections**
human, functional status of intiestinal tract, 2040
citelli, experimental in mice, mmunity, mechanism of rejection, (2312)
diminuta, experimental in
mice, immunity, delayed rejection, (2044)
rats, effect on oxygen tension, pH, and gastrointestinal function, (2043)
nana
experimental in
mice, effect of testosterone, (794)
rats, serum protein patterns, (793)
human, in Singapore, niclosamide treatment, 550
Hymenolepis spp.
diminuta
enzymes, histochemistry, (2042)
free amino acid, (795)
reproductive system, histogenesis, (2041)
surface topography, scanning electron microscopy (110)
nana
mealworms as potential intermediate hosts, 792
oncospheres, effects of radiation on infectivity and development, 2311
Inermicapsifer **spp.**, infections in Cuba, (1321)
Larva migrans, visceral *see* Toxocariasis
Loiasis *see* Filariasis
Marshallagia marshalli, human infection in Iran, first report, (1787)
Mesocestoides **spp.** infection, in U.S.A., New Jersey, in child, niclosamide treatment, 791
Moniliformis **spp.**, human infection in Rhodesia, mebendazole treatment, 2872
Nematosporoides dubius
experimental infection in mice
and rats, cross immunity with *Nippostrongylus*, (2056)

Nematosporoides dubius—cont.
experimental infection in mice—*cont.*
immunity, 348, (1789), (2319)
treatment, pyrantel embonate, 1071
larvae, vaccination of mice with different doses, 2057
Nippostrongyliasis
experimental in rats
and mice, cross immunity with *Nematosporoides dubius*, (2056)
immunity
cellular, migration inhibitory factor, (2055)
effect on larvae, (1331)
response in *Trypanosoma brucei* infected animals, 49
worm expulsion, (346), (347), (1332), (2054), (2576)
Nippostrongylus brasiliensis, immunogenicity in rats, effect of age, 1788
Onchocerciasis *see* Filariasis
Opisthorchiasis
experimental in
guineapigs, (2309)
mice, inbred, effect of mouse strain on susceptibility, 1320
human, in
Thailand, Ubolratana Dam area, 1056
U.S.S.R.
Tomsk region, epidemiology, 547
treatment, hexachloroparaxylene, 333
Ostertagia ostertagi, human infection in Iran, first report, (1787)
Paragonimiasis
animal, in Philippines, 790, 1776
human, in
Korea, control, mass bithionol treatment, (2830)
Nigeria, 1057
diagnosis, 2829
epidemic, treatment, bithionol, 548
Paragonimus spp.
amazonicus, adult, in Peru, from water opossum, 2563
siamensis, in Philippines, from cats, 790, 1776
uterobilateralis, in Nigeria, 1057, 2829
Phocanema **spp.** *see* Anisakiasis
Porocephaliasis
experimental in rabbits
and other animals, liver cirrhosis, 2873
antibody response to larval antigens, 828
human, in
Malaysia, larva in fallopian tube, 2582
Rhodesia, first report, 364
Porocephalus armillatus
fractionation of extracts, 827
nymph in hyaena, (1568)
Psilorchis hominis **n.sp.**, human infection in Japan, first record, 546
Rhabditis **sp.**, adults from human faeces in Brazil, 1328
Schistosomiasis
animal
book review, 2685
in Egypt, 760
in Madagascar, in cattle, first report, 1301
pathology, 766
experimental
immunology, 1525
heterologous immunity, 103, 104
Schistosomiasis—*cont.*
experimental—*cont.*
in baboons, with African species and hybrids, 1048
in hamsters
and mice, with African species and hybrids, 1047
granuloma, hepatic, 328, 2548
liver egg concentration and disease relationship, 2547
renal changes, 2549
treatment, oxamniquine, 782, 2541
bovis, in
hamsters, 1303
mice, cross infection with *S. mansoni*, 1302
haematobium, in
baboons, 2546
monkeys, virus particles in bladder carcinoma, 2545
japonicum
in
animals, immunodiffusion studies on sera, 2305
mice, 2553
monkeys, treatment, tubercidin, efficacy of different doses, 1532
liver lesions in susceptible and poorly susceptible hosts, 106
mansoni
in
guineapigs, delayed hypersensitivity with granuloma formation, (783)
hamsters
Cricetus cricetus, new host, 329
electrocardiography, (1313)
female, protective effect of oestrogen, 2822
immunology, 1525
isolation of aseptic infectious ova, 1304
treatment
lucanthone and other drugs compared, 1051
suppressive, MSbE and stibocaptate compared, 542
Mastomys natalensis, treatment
hycanthone, effects on serum enzymes and liver, 780
SQ 18,506 nitrovinylfuran derivative, 2300
mice
cellular immune response to egg antigens, (2301)
cercarial penetration prevented by topical ointment, 1312
cross infection with *S. bovis*, 1302
effect of
age on cercarial survival, 1049
cercarial concentration and exposure time, 541, 2026
concomitant *T. cruzi* infection, 254
Entamoeba histolytica infection, 540
negative geotropism of cercariae, 2817
eosinophil levels in peripheral blood, 2551
hepatic changes, 2552
infectivity of schistosomula, 2820, 2821
intravenous and subcutaneous, 2821
renal changes, 2550

Schistosomiasis—*cont.*
experimental—*cont.*
mansoni—*cont.*
in—*cont.*
mice—*cont.*
susceptibility to geographical strains, 1310, 2819
treatment
lucanthone and other drugs compared, 1051
nicarbazin, unsuccessful attempt to obtain sterile live flukes, 2554
rhesus monkey stromata, unsuccessful, 105
rabbits, antimony treatment, effect of penicillamine, 781
rats, *Nectomys squamipes*, 327
sheep, 1524
liver lesions in susceptible and poorly susceptible hosts, 106
treatment, oxamniquine, 1052
human
antibodies
autoantibodies and autoimmunity in, (2287)
serum IgE levels, 1523
book review, 2685
control
incidence data for assessment of, 771
symposium, 769
cor pulmonale in, (2017), 2808
cutaneous, 525
monograph, 767
dermatitis, cercarial, 767, (2826)
diagnosis
fluorescent antibody test, 758
skin test, influence of freshwater trematodes on results, 1300
in
Egypt, 91, 92, 95, 528, 2281
Liberia, 762
Rhodesia, 771
control and treatment (symposium), 1770
effect on mental ability of African children, 530
St. Lucia, 2418
Sudan, Khartoum region, 758, 759
Uganda, distribution and transmission, 523
liver fibrosis, 764
chronic pyelonephritis in, diagnosis, prednisolone provocation test, 92
effect of paracentesis in hepatic function, 91
metabolism of
copper in, 2019
zinc in, 2018
pathology, 766
portal hypertension and oesophageal varices, 2540
spermatic cord involvement, (2537)
spinal cord involvement, 95, 313, 1044, 2812
treatment
hycanthone, in African schoolchildren, effect on mental ability, 530
niridazole, effect of reduced daily dosage, 528
oxamniquine, 768, 2813
symposium, 2541
urinary excretion of acidic glycosaminoglycans, 1772

Schistosomiasis—*cont.*
human—*cont.*
haematobium
bladder cancer in S. Africa, 93
diagnosis
circumoval precipitation test, 2015
effect of methylergometrine and ergometrine, 2014, 2279
intradermal test with *Fasciola gigantica* antigen, 315
effect on onchocercal microfilaruria, 569
granuloma with ova in ureter, 94
hepatic fibrosis, fibrinolysis in, 2811
in
Canada, in patient from W. Africa, 1334
France, in patients from W. Africa, 316, 2016
Iraq, control, (99), (100)
Madagascar, Mangoky control project (report), 1046
Rhodesia, 314
Senegal, 2014, 2279, 2282
Tunisia, new focus, 1522
Zaïre, Lufira reservoir region, 761
Zambia, urethral discharge, 2806
nephrotic syndrome and, in Egypt, 1042
pulmonary
and peritoneal involvement, 2016
associated with hydatid cyst of lung, 1043
pyelonephritis, chronic, renal hydrogen excretion in, 2280
renal failure in, treatment, 2283
treatment
effect on renal function, 2281
metriphonate, 316, 2282
piperazine antimonyl tartrate, 96
urinary
loss of protein and amino acids, 314
tract lesions, long-term results of treatment, 529
intercalatum, in
Central African Republic, 2284
Chad, diagnostic problems, 763
U.S.A., in family returned from Zaïre, 1299
japonicum
diagnosis
circumoval precipitation test and stool examination compared, 2029
intradermal test, immediate, 2543
in
Indonesia, Sulawesi, 1771
Japan, snail control by burning, 330
Laos, 2304
Malaysia, first record, 784, 2303
Philippines, 2543
mansoni
diagnosis
immunofluorescence, agarose beads antigen system, 2288
intradermal test, 2807
effects on physical performance and lung function, 2024
fibrosis
hepatic, pipe-stem, 764, 2808
peri-intestinal, 2809
haemospermia, (527)
hepatic cirrhosis in children, histochemistry, 2810

Schistosomiasis—*cont.*
human—*cont.*
mansoni—*cont.*
hepatosplenic
arteriography in, (98)
diagnosis, stool examination and rectal biopsy compared, 2539
gastric varices in portal hypertension, (320), (321)
nephrotic syndrome and, 319
pancreas in, histology, 526
removal of worms by extracorporeal filtration of portal blood, 97
in
Brazil, (507), 2291, 2292, 2539, 2807, 2809
Belo Horizonte
results of control project, 101
spinal cord involvement, 1044, 2812
control, 2538
epidemiology, role of *Necromys squamipes*, 327
Espirito Santo, autochthonous cases, 317
Egypt, 2289, 2290, 2810
Kenya, 323
St. Lucia, 322
risks of infection, 2026
Surinam, (thesis), 765
Tanzania, control on sugar estate, 770, 1045
Uganda, Lake Victoria, transmission, role of itinerant fishermen, 2023
Zambia, 764
ova and miracidia in seminal fluid, (1527)
pathological changes, disseminated, and glomerulonephritis, 2808
polyposis of colon, treatment, niridazole, 2290
pulmonary
elastase in platelets and granuloma formation, 318
strongyloidiasis associated with, 2315
salmonellosis and, 1050
treatment, hycanthone, in Brazil, 2025
treatment
hycanthone, 322
and niridazole compared, 323
hepatotoxicity, 2291, 2292
psychosis after, 324
niridazole, in children, 2289
research in Japan (book review), 439
Summary of recent abstracts, **pp. 989-1001**
Schistosoma spp.
activity *in vitro*
apparatus for recording, 326
effect of hycanthone and other drugs, 779
antigen, circulating, 2553
cercariae, sampling, determination of numbers, 2299
DNA, characteristics, (2814)
enzymes, acetylcholinesterase, 2020
infectivity and pathogenicity of African species and hybrids compared, 1047, 1048
miracidia, experimental infection of snails, 2298
tentacles, 2294
ova
identification, Ziehl-Neelsen technique, 525

Schistosomiasis—*cont.*
Schistosoma spp.—*cont.*
ova—*cont.*
terminal spines on shells, 763
haematobium
in *Bulinus truncatus*, effect of niclosamide on development, 2028
ova and cercariae, biology, (100)
japonicum
in *Oncomelania h. nosophora*, uni- and bi-sexual infections, statistical probabilities, (785)
Mekong strain in Laos
life cycle in laboratory, 543
transmission 2030
mansoni
adults
effect of chloroquine on glycolysis and motility, 102
tegument
dynamic processes in, (1531)
function, cytoplasmic inclusions and, (1530)
ultrastructure in mesenteric veins, (1305)
cercariae
and miracidia, nervous system, histochemistry, (2021)
argentophilic papillae, (1308)
emergence, rhythmic, from *B. glabrata*, 325, 532
excretory system, ultrastructure, (533)
infectivity, effect of passage over waterfall, study in St. Lucia, 1311
motility, effect of temperature, 2816
negative geotropism, 2817
penetration of
artificial membranes, 2544
host skin
effect of age on survival, 1049
prevention by topical ointment, 1312
preacetabular glands, enzyme activity, (1306), (1307)
tail musculature, ultrastructure, (1529)
tegument, ultrastructure, (2286)
immature stages, carbohydrate metabolism, (534)
in *Biomphalaria glabrata*, 1316, (2295)-2297
penetration and development by miracidia, effect of temperature, 2027
rhythmic emergence of cercariae, effect of photoperiod inversion, 532
temperature, 325
sporocysts, ultrastructure, 1526
interactions with *Salmonella paratyphi A*, 1050
methionine uptake, 2285
miracidia, (1527), (2021), 2027
activation and inactivation, 531
host-finding attributes, (1773)
ova
and miracidia in animal fluid, (1527)
aseptic and infectious, isolation from intestines of hamsters, 1304
soluble antigens, delayed hypersensitivity induced by, (783)
transmission via fomites, 778

Schistosomiasis—*cont.*
mansoni—*cont.*
schistosomula from skin and lung of mice, infectivity of, 2820
sporocysts, 1526
branched, (2022)
culture, axenic, (2815)
phosphoglucoseisomerases in snail host and, (1528)
strains from
Angola, experimental infection of Brazilian *B. glabrata*, 2297
Brazil
infectivity to *B. glabrata*, 1316
morphology and development, 1309, 1310
Liberia and Puerto Rico, biological characteristics, 2818
spindale, biological control by trematode antagonism in Thailand, 2302
Trichobilharzia brevis, synergism with *Echinostoma* in snail, (545), (2562)
Sparganosis *see* Diphyllobothriasis
Spirometra **spp.** *see* Diphyllobothriasis
Strongyloidiasis
human
diagnosis, stool examination, differentiation from ankylostomiasis, 119
fatal
disseminated, with cerebral involvement, in U.S.A., 1549
immunosuppressive treatment and, (1548)
in Uganda
granulomatous hepatitis, 2839
pathology, 1781
in Brazil, 1328
in Czechoslovakia, coal-mining area, 1547
larva currens in white-skinned persons associated with, 120
pulmonary, with schistosomiasis, 2315
treatment, thiabendazole with vipryrnium embonate, 1086
urinary infection in Egypt, 341
fülleborni, in tropical Africa, geographical distribution, 1067
Strongyloides stercoralis, adults from human faeces, 1328
Taeniasis *see also* Cysticercosis
experimental in golden hamsters, susceptibility to *T. solium* and *T. saginata*, 2565
human
diagnosis, reactivity to *Cysticercus bovis* antigens, 2045
in Poland, 111, 1322
in Uruguay, multiple infections, 2313
intravascular, in Canada, 112
treatment, mebendazole, 1041, 1058
Taenia spp.
ova, effect of bunamidine hydrochloride on infectivity, 1777
crassiceps, from human retina, first report, 112
Ternidens deminutus, human infection in Rhodesia, 344
treatment, bitoscanate, 345
Terranova **spp.**, *see* Anisakiasis
Thelazia callipaeda, human infection in Korea, (2060)
Toxocariasis
animal, in pet dogs in Egypt, Cairo, 559
experimental in mice, histopathology and electron microscopy of lungs, 2052
human, diagnosis, microprecipitation test in W. Germany, 1786
Toxocara spp., infective ova in soil of public parks in U.K., 804
Trichiniasis
animal, in
Canada, Quebec, in wild mammals, 825
Chile, Santiago, in dogs, 2869
Iran, northern, 824, 1089
Netherlands, (1088)
experimental in
mice
immunity
potentiation of cell-mediated response to BCG, (2328)
response to sheep erythrocytes, (2871)
suppression, (2581)
transfer from mother to baby, 2870
RNA changes, (1092)
susceptibility
decreased, to *Listeria monocytogenes*, 1340
increased, to Japanese B encephalitis virus, 1567
pigs and rabbits, diagnosis, flocculation test, 1805
rats
circulating eosinophils in, 1804
treatment, thiabendazole, 1339
human
blood coagulation changes in, 2076
diagnosis
counterelectrophoresis and agar gel diffusion, 1090
flocculation test, 1805
paper immunofluorescent and skin tests compared, 2075
energy deficiency and, 2077
in Sweden, epidemic, 823
in U.S.A., 362, 579
New York, in immigrants from Thailand, 1566
Trichinella spiralis, larvae
cyst wall histochemistry, 2078
effects of
mebendazole, 1091, 2079
physiological and biochemical factors on infectivity, (826)
leucocyte adherence, factors involved, (363)
Trichostrongyliasis
human, in Iran, 1074, (1787)
Trichostrongylus orientalis
in Japan (bibliography), (2053)
possible n.sp. from human intestine resembling, 1074
Trichuriasis
animal, in dogs, mebendazole treatment, 121
experimental in mice
immunity studies, (576)
interaction with *Entamoeba histolytica*, 2779
human
in children in
Australia, Aboriginals, 1086
Brazil, severe infection, 2866
Malaysia, 1087

Trichuriasis—*cont.*
human—*cont.*
in children in—*cont.*
S. Africa, Cape Town, 2327
U.S.A., Virginia, 2569
treatment
difetarsone, for out-patients, 2327
mebendazole, 1040, 1564, 1565, 2074
and pyrantel compared, 2572
in schoolchildren in
Brazil, 121, 2571
Zaïre, 131
Trichuriasis—*cont.*
human—*cont.*
treatment—*cont.*
pyrantel embonate, 1071, 1072, 1783, 2572
stilbazium iodide, 1087
thiabendazole with viprynium embonate, trials, 1086
Trichuris trichiura ova, *in vivo* effect of mebendazole, 1564, 1565
Wuchereria bancrofti see Filariasis

NUTRITION AND MALNUTRITION

Anaemia, nutritional
in
E. Africa, effects on physiological response to exercise in children, (831), 832
industrial workers, results of treatment, 381
Philippines, in schoolchildren, 1818
Sweden, due to folate deficiency, 1815
iron deficiency, 148, 2082
bacterial and malarial infections and, 2599
cell-mediated immunity and phagocytosis, 2600
diagnosis, differentiation from β-thalassaemia, 2608
in
Papua New Guinea, hepatic iron storage and, 1360
Thailand, in children, 2600
Uganda, in children, 839
kwashiorkor and, distinction by serum protein and transferrin levels, 839
pernicious, in Ghana, first report, (586)
Anthropometric studies
arm circumference in nutritional assessment nomogram, (133)
in children in
Australia, nomadic Aborigines, (1570)
E. Africa, 2876
Ghana, Accra, (580)
India
Hyderabad, 1807
refugees from Bangladesh, 372
Indonesia, Bandung, (1573)
Iran, 2877
Iraq, Mosul, 1094
Peru, Lima, in poor families, 1095
Tanzania, 370, (2080)
Thailand, 1349
Tunisia, 2875
U.S.A., (1806)
Vietnam, (1808)
skinfold measurements, Harpenden and Best calipers compared, study in India, Hyderabad, 2878
Beriberi, in adults in Thailand, haemodynamic studies, 1358
Food poisoning *see* GENERAL index, Favism
Foods
avoidances in India, (2086)
in puberty and menstruation, (368)
in puerperium and lactation, (1344)
Foods—*cont.*
high protein, commercially produced, limitations and dangers, (138)
hypoglycin A determination in ackee, rapid method, (2970)
in Africa
nutrition and (book review), 1677
S. Africa, proteins and food supply (symposium), (581)
mycotoxins in, aflatoxin, liver carcinogenesis and, 187
effects of diet and monocrotaline in rats, 1617
bread, high phytate contents
in Iran, 139
possible cause of calcium deficiency, 140
fish
avoidance, in India, (2086)
sauce, fortification with iron in Thailand, 2881
legumes, toxic factors associated with, (1345)
locust bean, protein quality, (2085)
maize
and soya bean-milk mixture, iron absorption in infants in Jamaica, 365
opaque-2 variety, in treatment of kwashiorkor, 2894
milk, dried skim, fortification with iron, 365
plant protein mixture, Nutriene V, (2883)
trials in malnourished children in Brazil, 1097
vegetable protein supplement, trials in Ethiopia, 1098, (1810)
Iron
absorption from
maize, soya bean and skim milk mixture by infants, 365
rice meals, effect of ascorbic acid, 2082
storage, related to bacterial infection and malaria, 2599
stores, serum ferritin as measure of, (2329)
total and ionizable, in cooked foods in India, (2083)
Kwashiorkor *see also* Malnutrition, protein calorie
adrenal function and, 1576
in children in Peru, Lima, 1577
bactericidal activity of phagocytes, 1572, (2096)
carbohydrate malabsorption in children in Ethiopia, 2089
electroencephalograms and nerve conduction studies in children treated previously, 836
emphysema, extensive subcutaneous, in children in India, 1352
glucose and lipid metabolism in, (374)
hair colour changes in, 1353

Kwashiorkor—*cont.*
heart disease in Gabon, in refugee children from Nigeria, 835
in
India, Hyderabad, reduced lysozyme actitivy in leucocytes, 2891
Nigeria, essential fatty acid deficiency in weaning foods, 1814
Sudan, folate deficiency causing anaemia, 1815
Uganda, 839, 1677
plasma
free fatty acids and triglycerides and platelet adhesiveness, 2091
potassium levels in children in Liberia, 838
renin activity in children, 1578
serum
protein and transferrin levels, differentiation from iron deficiency anaemia, 839
trace elements in , 1579
treatment, opaque-2 maize, 2894
Lactase deficiency
geographical incidence, (147)
in adults in
Mexico, 2331
Zambia, lactose absorption kinetics, (377)
Lactose
intolerance, in
S.W. Africa, in Kalahari Bushmen, 1346
U.S.A.
in African, Asian and Latin American children, 2884
Oklahoma, in Indians, 1347
malabsorption in children, 2009, 2089
in Jamaica, 2330
Malnutrition
ecology, in
Caribbean countries (book review), 2684
tropical countries, (2585)
effects on
growth, (1574)
inheritance and other factors, (830)
intellectual development, (141), (1574), (2586)
physiological response to exercise, (831), 832
experimental in monkeys, effect on cerebral lipids, (583)
immunity and
bactericidal activity of phagocytes, 1572, (2096)
rosette-forming T lymphocytes and, 2593
in adults, in Zambia, carbohydrate absorption rates, 2885, 2886
in children and infants
assessment, 2088
by arm circumference, simple method, 1569
feeding, 1355
ad lib. during recovery, 841
programme, 2887
in Ethiopia, during famine, 1354
rehabilitation centres, evaluation of, 1677, 2595, 2596
in
Australia, *Candida* infection in, 1571
Brazil, Londrina, 2333
Iran, effect of zinc supplements on growth, 2084
Iraq, 1569
Jamaica
response to heat, 1350
Malnutrition—*cont.*
in children and infants—*cont.*
in—*cont.*
Jamaica—*cont.*
serum and liver triglycerides, 2889
Tanzania, rural community, 1348
Thailand, 1349
bacterial infections and, 2892
Uganda, rehabilitation, 1677, 2595, 2596
Vietnam, South, 2587
mortality related to, in
Americas, 134
Brazil, Ribeirão Preto, seasonal diarrhoea and, 834
Mexico, 1101
nail hardness, compared with healthy children, 2591
public health programmes and, 2887
renal acidification during recovery, (1356)
protein
calorie
blood coagulation disturbances in, 837
endocrine and metabolic aberrations in adults in India, Calcutta, 2090
experimental in baboons, liver pathology, (144)
immunity, (2093), (2094)
in adults, evaluation, 376
in children
antibody production, 142
and macrophage function, 2339
cell-mediated, and allergy, 2092, 2593
in children, 2335
amino acid ratios in, (5175)
assessment, 2088
hair
changes in, 1353
tissue in diagnosis, (1816)
in
Egypt
serum vitamin A levels, 1104
urinary proteins, immunoelectrophoresis, (840)
Fiji, 2588
Guatemala, electrolyte, water and nitrogen losses, 2589
Peru, endotoxaemia detection with *Limulus* test, 2893
W. Africa, protein-calorie ratio of diet and, 1100
lymphocyte
chromosome aberrations in Mexico, 1351
counts in intra-epithelial jejunum, (2890)
transformation in, 2594
Pneumocystis pneumonia in, 2653
vitamin A, retinol-binding protein and prealbumin, plasma levels, 582
liver injury in, electron microscopy, 2336
deficiency
experimental in
guineapigs, response to BCG, (143)
monkeys, (842), (1357)
intestinal enzymes in adults, 2337, 2590
serum albumin and free amino acid levels in children in Peru, Lima, 2888
Marasmus *see also* Malnutrition, protein calorie
blood coagulation mechanism in, 837

Marasmus—*cont.*
clinical differentiation from kwashiorkor, 1576
in infants
impaired cellular immunity in, 2095
in
Egypt, skeletal muscles, ultrastructure, (2592)
Peru, Lima, adrenal function and, 1577
Sudan, anaemia and folate deficiency, 1815
Turkey, effects of chromium supplementation on growth, (373)
Nutrition
calorie and protein intake of pre-school children, 2335, 2583
development and
book review, 219
related to deciduous teeth eruption and age assessment, 1096, (1809)
diets
in
Brazil, São Paulo, 2334
Kenya, aflatoxins and liver cancer, 187
Nigeria, of peasants, adequacy, (833)
Papua New Guinea, sago ash used as salt, mineral content, 369
Puerto Rico, (2880)
Rhodesia, African and European compared, 137
S. Africa, Cape Town, of urbanised Africans, (1343)
Uganda, of pre-school children, 2583
U.S.A., (1341)
Arizona, of Indians, mineral content, 2332
Dakota, of Indians, (1102)
W. Africa
protein-calorie ratio, malnutrition and, 1100
starchy staples in, 136
lactose-free, medium chain triglyceride formulas, 1355
phytate content
effect of change on mineral and nitrogen balances, 139
osteomalacia in Bedouin woman in Israel associated with, 140
protein
and energy requirements (WHO report), (829)
and food supply in S. Africa, (581)
in microalgae, uric acid level in plasma, 1099
education
for nurses, (2874)
in S. Africa, Tsolo district, effectiveness, 135
famine relief, lessons from drought in Ethiopia, 1354, (1812)
in
Africa (book review), 2189
India, Andaman and Nicobar Islands, (2584)
Ivory Coast, refugee children from Nigeria, (2087)
Nutrition—*cont.*
in—*cont.*
Mexico, effect of agricultural development, 2879
Paraguay (book review), 432
Tanzania, Tabora region, 370
U.S.A.
1971-72 survey, (1341)
Texas, in Mexican-American families, (1103)
Zambia, 1971 survey, 371
infant feeding, 1813
breast feeding in Brazil, composition of milk, (1811)
in Chile, mortality and, 367
weaning foods
fish protein concentrate to replace skim milk in Laubina mixtures, (2882)
maize-based, in Nigeria, 1814
whey protein concentrate, 1342
maternal and child, role of midwife in, 1813
surveys, equipment for, 1107
trace elements in (WHO report), 1106
Williams, Cicely, work of, 1093
Pellagra
copper metabolism in, (1580)
social history (book review), 2190
Protein deficiency *see* Malnutrition
Sprue *see* GENERAL index
Vitamins
plasma levels in Aboriginal children and mothers in Australia, N.S.W., 2097
A
content of biological fluids, determination method, 2896
deficiency
in children
in India, W. Bengal, seasonal variation, 146
leucocyte lysozyme activity reduced in, 2891
xerophthalmia due to, in
India and Vietnam, 375
Indonesia, 375, 2633
intake in Malaysia, rural areas, 145
retention of single oral dose in pre-school children in India, 2098
serum
levels
in protein calorie malnutrition, 582, 1104
of pregnant women in U.K., London, 2895
retinol transport, 582
in malabsorption, (2338)
B, in foodstuffs, microbiological assay, 1581
B1 deficiency *see* Beriberi
D, metabolism and mode of action, (1105)
E
serum levels in tropical sprue, 584
status of Indians in Canada, (2099)
Zinc deficiency in schoolboys in Iran, 2084

RICKETTSIAL DISEASES

Rickettsial diseases, (2465)
animal, in
Greece, in sheep and goats, 2746
U.S.S.R., Altai mountains, 2474
Rickettsial diseases—*cont.*
human
book review, 437
immunity (book review), 438

Rickettsial diseases—*cont.*
human—*cont.*
in Greece, 2746
Summary of recent abstracts, **pp. 781-786**
Q fever
experimental in guineapigs
effects of lipopolysaccharide extract, 2477
hypersensitivity, delayed, 1959
human, 990
immunization, experimental, 2475
in
Cyprus, (1957)
Finland, imported, 2235
Germany, village outbreak, 2236
Switzerland
granulomatous hepatitis in, 2237
manic psychosis in, (991)
U.K., Devon, myocarditis in, 1956
in
Iran, serology, 1958
Israel, (709)
U.S.A., Illinois, epidemiology, 989
Typhus fever
flea-borne (murine, endemic), in S. Vietnam in U.S. servicemen, 1954
immunity, mechanisms of, 2228, 2229, 2230, 2473
louse-borne (epidemic)
experimental in mice, infectious process in lungs after intranasal challenge, 2468
in Korea, absence of, 1155
treatment, doxycycline
and chloramphenicol and co-trimoxazole compared in Rwanda, 497
single dose, in Ethiopia, 2783
WHO statistics, 51, (1463)
mite-borne (tsutsugamushi disease, scrub typhus)
ecology, (2234)
in
India, Punjab, in troops, 1465
Japan, vectors, 2747, 2748
Malaysia, in small mammals, 1252, 2749
Philippines, Luzon, natural focus, 707
Taiwan, outbreak in army personnel, 2470
U.S.A., Connecticut, imported, 1251
Vietnam, S., in U.S. servicemen, 52
treatment, chloramphenicol and tetracycline compared, 52
tick-borne
fièvre boutonneuse, hepatic lesions in, 2233
Rocky Mountain spotted fever
diagnosis
antiglobulin plaque reduction, 2473
nitroblue tetrazolium test, 1467
in U.S.A.
California, arthropod vectors and mammalian hosts, 53
eastern, in ticks infesting wild birds, 708
Typhus fever—*cont.*
tick-borne—*cont.*
Rocky Mountain spotted fever—*cont.*
in U.S.A.—*cont.*
immunity and immunization in volunteers, 988
Ohio, endemic focus, 987
surveillance, 1253
Tennessee
epidemic, 1254
zoonotic potential, 1466
Rickettsia **spp.**
culture in
mammalian cell line, plaque assay, 2231
medium without cells, 496
growth and physiology, (495)
intracellular organisms resembling, in *Glossina*, 1462
strains of spotted fever group in
Czechoslovakia, DNA composition, 1955
Israel, differentiation by immunoflorescence, 2232
burneti
antigens, 1959
phases I and II, antibody binding and inducing properties, (498)
in ticks
in Iran, 1958
reactivation in *O. canestrinii*, 2476
interaction with tissue cells, 992
lipopolysaccharide, (1960), 2477
vaccine from attenuated strain M-44, properties, 2238
mooseri, growth in macrophages, effect of
chloramphenicol, 2228
human immune serum, 2229
prowazeki
cell wall, ultrastructure, (1953)
detection in lice, methods compared, 1250
growth in chick embryo cells, 2230
immune serum to, production in horses, (2469)
in body lice, effects of antibiotics and immune human antibodies, 984
strain E, virulence, 985, 2467
ultrastructure, 2466
quintana, cell envelope, chemical composition, (1961)
rickettsi
antigen, complement-fixing, group-specific, (2750)
cell culture, frozen chick and duck embryos, plaque assays, 2751
tsutsugamushi
cell culture, human thyroid gland, 2471
in mites in Japan, 706
intracellular, structure, (2472)
toxin, strain specificity, (986)

TROPICAL OPHTHALMOLOGY

Eye conditions associated with
Burkitt's tumour, 615
cysticercosis, (1061), 1323
leprosy, (752), 1033
loiasis, 1083
myiasis, (619), (1631)
onchocerciasis, 358, 566, 570–572, 2860
Eye conditions associated with—*cont.*
toxoplasmosis, 865
in Egypt, 863
in Ghana, 2634
symposium, 2124
Glaucoma, in Ghana, forest area, 570

Trachoma
control
field methods (book reivew), 1420
programme, evaluation, 1136
diagnosis, complement-fixation test, 609
experimental in monkeys, neutralization of infectivity by human eye secretions, 402
immunology and immunization, (1892)
TRIC (trachoma inclusion conjunctivitis) agent
immunology and immunization, (1862)
isolation, use of idoxuridine-treated cells, 1859
TRIC (trachoma inclusion conjunctivitis) agent—*cont.*
stage IV, infectivity, 1861
strains
G, H and I types, 1135
K type, in U.S.A., Seattle, 2375
serotypes 1 and 2, from children in Gambia, 1860
Xerophthalmia, in
Asia, S. and E., 375, 2633
E. Africa, measles and, 2374
Indonesia, trachoma and, 2633

VENOMS AND ANTIVENOMS

Animals, venomous, and venom diseases (book review), 2194
Marine animals *see also* Snakes
jelly fish
Chironex fleckeri antivenom, neutralizing venoms of other jelly fish, 2359
Chrysaora quinquecirrha toxin, chemistry and pathogenesis of sting, 1600
Physalia physalis toxin, chemistry and pathogenesis of sting, 1600
molluscs, *Conus magus* and *C. geographus* venom, pharmacology, (1601)
puffer fish poisoning, in Australia, 393
Scorpions
antivenom preparation, new method, (1838)
in E. Africa, (857)
stings, in
India, treatment in children, 2619
Venezuela, causing toxic myocarditis, first report, 2923
venoms
cardiovascular action, (2121)
coagulant activity, (2119)
Buthus minax venom, glycaemic effect, (2120)
Centruroides sculpturatus venom, neurotoxin, amino acid sequences, (2922)
Leiurus quinquestriatus venom, (2119), (2121)
hyaluronidase activity, 1595
Tityus spp.
serrulatus venom, pulmonary changes induced in rats, 1839
trinitatus venom, pancreatic response in dogs, 2358
Snakes
antivenoms, 2356
polyvalent, 167, 853
bites
in Venezuela, treatment, 164
role of fibrinolytic enzyme system in haemostatic defects, (2614)
treatment, heparin, 166, 1596
in Costa Rica, geographical distribution, (2918)
sea snakes, (2918)
antivenoms, 1598
Enhydrina schistosa
antivenom, effect on other sea snake venoms, 2357
venom, 1598
pharmacological effects in cats, (1599)
Hydrophis cyanocinctus venom, hydrophitoxin b from, (2618)
venoms
cross-protection tests, in Mexico, (1837)
hyaluronidase activity, 1595
in tissue fluids, radioimmunoassay, 1835
Snakes—*cont.*
venoms—*cont.*
toxins, chemistry, (1368)
Agkistrodon halys venom, fate of proteinases in toxoid preparation, 2118
Bitis spp.
arietans venom, haematological effects, 165
in baboon, (2353)
gabonica venom, coagulant enzyme in, (856)
Bothrops spp.
venoms, characterization, (2354)
atrox, colony maintenance for venom production, 855
Crotalus spp.
durissus cumanensis venom, properties, (2115)
viridis helleri antivenom, polyvalent, 854
Dendroaspis angusticeps venom, toxin purification, (1370)
Dispholidus typus bite, toxic effects, complement activation, 1596
Echis spp.
carinatus bite, heparin treatment, 166
coloratus
bites, in Israel, defibrination after, 2613
venom, effect on brain vessels in mice, (2117)
Elapidae venoms, identification and fractionation, 2355
Micrurus spp.
in Costa Rica, (2919)
fulvius venom, fraction causing neuromuscular blockade, (169)
Naja spp.
antivenom, bivalent, immunology, 2356
flava venom, anticoagulant effects, (168)
haje venom
changes in liver and kidneys of rats due to, 2920
fractionation, (2615)
melanoleuca venom
neuromuscular blocking activity, (2617)
neurotoxin, (1369)
naja
venom, phospholipase isoenzymes, (170)
philippinensis venom, major lethal neurotoxin, (2921)
nigricollis venom, effects on
developing foetal tissue in mice, (2616)
nerve muscle, 390
Notechis scutatus, 1835
antivenom, neutralization of sea snake venom, 2357
Trimeresurus spp.
bites in Thailand, 1371
venoms, properties, 1371

Snakes—*cont.*
Trimeresurus spp.—*cont.*
elegans venom, purification and characterization, (2116)
Vipera spp.
ammodytes venom, fractionation, seasonal variation, (1597)
aspis venom, anticoagulant factor, (391)
russelli venom, fractionation by chromatography, (1836)

Spiders
Loxosceles reclusa
bites
lymphocyte transformation test for, 858
mild cutaneous reaction to, 392
venom, composition and properties, (171)
Lycosa antelucana bite, in U.S.A., Arkansas, 2924

BOOK REVIEWS, REPORTS AND THESES

BOOK REVIEWS

Aboriginal health. [Moodie, P. M.], 1414
Abrégé de parasitologie clinique. [Jacquemin, P. & Jacquemin, J. L.], 3025
Advances in insect physiology. Vol. 10. [Treherne, J. E., Berridge, M. J. & Wigglesworth, V. B., eds], 1679
Advances in parasitology. Vol. 11. [Dawes, B., ed.], 1678
Basic research on malaria. Proceedings of discussion meeting, London, 1973. [Bateman, J. B., ed.], 2195
Biochemical mode of action of pesticides. [Corbett, J. R.], 3027
Biochemistry of parasites. 2nd edit. [Von Brand, T.], 1684
Biology of amoebae. [Jeon, K. W., ed.], 1201
Biology of trematodes. [Erasmus, D. A.], 938
Cardiovascular disease in the tropics. [Shaper, A. G., Hutt, M. S. R. & Fejfar, Z., eds.], 2416
Catalog of the Diptera of the Oriental Region. Vol. I. [Delfinado, M. D. & Hardy, D. E., eds], 656
Cholera. [Barua, D. & Burrows, E., eds], 3020
Chromomycosis. [Al-Doory, Y.], 221
Coprologie parasitaire et fonctionnelle. 3rd edit. [Bailenger, J., ed.], 1424
Disaster in Bangladesh. [Chen, L. C., ed.], 935
Disaster technology: an annotated bibliography. [Manning, D.], 1681
Disease and economic development. The impact of parasitic diseases in St. Lucia. [Weisbrod, B.A., *et al.*], 2418
Diseases and health services of Papua New Guinea. [Bell, C., ed.], 1202
Ecologie de *Glossina palpalis gambiensis* Vanderplank, 1949 (Diptera-Muscidae) en savane d'Afrique Occidentale. [Challier, A.], 1235
Ecology of malnutrition in the Caribbean. Studies in medical geography. Vol. 12. [May, J. M. & McLellan, D. L.], 2684
Entomologia médica. Vol. 4. Psychodidae. Phlebotominae. Leishmanioses. Bartonelose. [Forattini, O. P.], 1911
Environmental pollution by pesticides. [Edwards, C. A., ed.], 1680
Essays on tropical dermatology. Vol. 2. [Marshall, J., ed.], 220
Evaluation of waste disposal systems for urban low income communities in Africa. [Winblad, U.], 216
Examens de laboratoire. Techniques en parasitologie. [Golvan, Y. J. & Petithory, J. C.], Techniques en mycologie. [Drouhet, E., Segretain, G. & Mariat, F.], 1416
Field methods for control of trachoma. [Tarizzo, M. L., ed.], 1420
Flies and disease. Vols I and II. [Greenberg, B.], 440
Fortschritte der Geomedizinischen Forschung. [Jusatz, H. J., ed.], 1682
[General and special epidemiology]. Vols I and II. [Elkin, I. I., ed.], 1909
Genetic control of insect pests. [Davidson, G.], 3023
Geomedical monograph series. Regional studies in geographical medicine. Vol. 3. Ethiopia. [Schaller, K. F., & Kuls, W.], 1413
Guidelines for laboratory diagnosis of cholera. [World Health Organization] 2492
Handbuch der experimentellen Pharmakologie. Vol. XVI. Erzeugung von Krankheitszuständen durch das Experiment. Teil II B, Infektionen IV. [Eichler, O., ed.], 1910
Health care for remote areas. Proceedings of international conference, Bellagio, Italy, 1972. [Hughes, J. P., ed.], 430
Health service prospects. An international survey. [Douglas-Wilson, I. & McLachlan, G., eds], 652
Housing and health in a tropical city: study in Singapore, 1964–1967. [Kleevens, J. W. L.], 431
Immunity in viral and rickettsial diseases. Proceedings of 17th "Oholo" biological conference, Zichron Yaakov, Israel, 1972. [Kohn, A. & Klingberg, M. A., eds], 438
Immunity to animal parasites. [Soulsby, E. J. L., ed.], 654
Infektionskrankheiten. Band IV. Rickettsiosen und Protozoenkrankheiten. [Gsell, O. & Mohr, W., eds], 437
Insect population ecology. An analytical approach. [Varley, G. C., Gradwell, G. R. & Hassell, M. P.], 2191
Insects and disease. [Snow, K. R.], 1683
Insects and other arthropods of medical importance. [Smith, K. G. V., ed.], 1637
International health regulations (1969). 2nd annotated edit. [World Health Organization], (940)
Introducão à geografia médica do Brasil. [Lacaz, C. S., Baruzzi, R. G. & Siqueira, W., Jr.], 218
Introduction to odonto-leprology. Leprosy: buccal and maxillary manifestations. [Miranda, R. N. & Miranda, R. P. G.], 2275
Journal of Tropical Medicine and Hygiene. 75th anniversary issue, 442
Leprosy for students of medicine. [Bryceson, A. & Pfaltzgraff, R. E.], 653
Malaria: design, use and mode of action of chemotherapeutic agents. [Pinder, R. M.], 436
Malaria in Australia. [Black, R. H.], 435

Malaria in Libyan Arab Republic. [Kadiki, O. & Ashraf, M.], 1688
Man against tsetse. Struggle for Africa. [McKelvey, J. J., Jr.], 1419
Medical geography. Techniques and field studies. [McGlashan, N. D., ed.], (939)
Medical laboratory for developing countries. [King, M.], 2188
Medical microbiology. A guide to laboratory diagnosis and control of infection. 12th edit. Vol. 1. [Cruickshank, R., Duguid, J. P., Marmion, B. P. & Swain, R. H. A.], 1421
Medicine in the tropics. [Woodruff, A. W., ed.], 2682
Medizinische Parasitologie in Tafeln. 2nd (rev.) edit. [Piekarski, G.], 655
Myocardiology in Africa. Vol. 1. Proceedings of international symposium, Nairobi, Kenya, 1971. [Kamunvi, F., Ojiambo, H. P. & Bajusz, E., eds], 2417
Nephrotic syndrome of quartan malaria. [Kibukamusoke, J. W.], 1418
Nutrition and development. [Winick, M., ed.], 219
Nutrition and food in an African economy. Vols 1 & 2. [Amann, V. F., Belshaw, D. G. R. & Stanfield, J. P., eds], 1677
Nutrition for developing countries, with special reference to maize, cassava and millet areas of Africa. [King, M. H. *et al.*], 2189
One world. University of London Heath Clark Lectures, 1970. [Maegraith, B.], 1200
Paediatric priorities in the developing world. [Morley, D.], 1669
Paraguay: ecological essays. [Gorham, J. R., ed.], 432
Parasites in the immunized host: mechanisms of survival. [Porter, R. & Knight, J., eds], 3026
Parasitology (protozoology and helminthology) in relation to clinical medicine. 9th edit. [Chatterjee, K. D.], 3021
Parassitologia generale e umana. 5th edit. [De Carneri, I.], 3022
Pictorial dictionary of medical mycology. [Otčenášek, M. & Dvořák, J.], 441
Plague of corn. The social history of pellagra. [Roe, D. A.], 2190
Plantes médicinales de la Nouvelle-Calédonie. [Rageau, J.], (217)
Proteins and food supply in Republic of South Africa. [Claassens, J. W. & Potgieter, H. J., eds], (581)
Recent results in cancer research. A survey of Uganda 1964–1968. [Templeton, A. C., ed.], 1417
Research in filariasis and schistosomiasis. Vol. 2. [Yokogawa, M., ed.], 439
Schistosomiasis: evolution of a medical literature. Selected abstracts and citations, 1852–1972. [Warren, K. S.], 2685
Secundas jornados entomoepidemiologicas Argentinas, Salta, Oct., 1965. Vol. III. [Soc. Arg. San. Fuerzas Armadas], 2212
Spezielle pathologische Anatomie. Band 8. Tropical pathology. [Spencer, H. *et al.*], 936
Symposia of the British Society for Parasitology.
Vol 10. Functional aspects of parasite surfaces. [Taylor, A. E. R. & Muller, R., eds], 620
Vol 12. Effects of meteorological factors upon parasites. [Taylor, A. E. R. & Muller, R., eds], 2650
Techniques with trypanosomes. [Lumsden, W. H. R., Herbert, W. F. & McNeillage, G. J. C.], 937
Treatment and control of infectious diseases in man. [Imperato, P. J.], 2683
[Tropical diseases]. [Shuvalova, E. P., ed.], 433
Tropical neurology. [Spillane, J. D., ed.], 1415
Trypanosomiasis and leishmaniasis with special reference to Chagas' disease. [Ciba Foundation Symposium], 1676
Urgences médicales en Afrique. [Bertrand, E., ed.], 434
Use of genetics in insect control. [Pal, R. & Whitten, M. J., eds], 2193
Venom diseases. [Minton, S. A., Jr.], 2194
Veterinary annual, 1973. [Grunsell, C. S. G. & Hill, F. W. G., eds), 1422
Viruses and invertebrates. [Gibbs, A. J., ed.], 3024

REPORTS

international

South Pacific Commission. Technical Paper No. 142, Pt 3. Annotated bibliography on medical research in the South Pacific. Addendum, (1912)

World Health Organization
Monograph Series No. 23, laboratory techniques in rabies. 3rd edit., 272
Official Records
No. 205, work of WHO 1972. Annual report, (429)
No. 213, work of WHO 1973. Annual report, (1673)
Offset Publications No. 1, manual on larval control operations in malaria programmes, 954
Pan American Health Organization. Scientific Publication No. 275, health research in Latin America, (1412)
Public Health Papers No. 55, modern management methods and organization of health services, 934

Technical Report Series
No. 519, cell-mediated immunity and resistance to infection, 648
No. 522, energy and protein requirements, (829)

REPORTS—*continued*
international—*continued*
World Health Organisation—*continued*
Technical Report Series—*continued*
No. 531, use of viruses for control of insect pests and disease vectors, 892
No. 537, malaria control in countries where time-limited eradication is impracticable at present, 1204
No. 549, Expert Committee on Malaria, 16th report, 2419
No. 552, Expert Committee on Tuberculosis, 9th report, 2636
No. 553, ecology and control of rodents of public health importance, 2681
World Health statistics annual, 1970. Vol. II, (1199)
Angola. Missão de combate às tripanossomíases. 1971 annual report, 1708
East African Community. Institute for Medical Research.
1970 annual report, (1674)
1971 annual report, (1675)
India. Pasteur Institute of southern India, Coonoor. 1971–72 annual reports, (711)
Rhodesia. Ministry of Agriculture. Branch of Tsetse and Trypanosomiasis Control. 1971–72 annual report, 2721
Tanzania. Ministry of Health. Sleeping Sickness Service. 1973 annual report, 1707
U.S.A. Dept. Health, Education and Welfare. Health and nutrition, 1971–72 survey, (1341)

THESES

Essai de dépistage de la toxoplasmose chez la femme enceinte et de la prévention de la toxoplasmose congénitale. [Métrat-Dumont, O.], 597
Mosquito ecology in relation to transmission of pathogens in Surinam. [Panday, R. S.], 2972
Schistosomiasis in Surinam. [Tewarie-Mungra, C. S. B.], 765

Numbers refer to abstracts and *not* to pages (unless otherwise shown).

GEOGRAPHICAL INDEX

EUROPE

General
anisakiasis, (2842)
lice, 2412
malaria, 443
Belgium, amoebiasis, 293, (1276), 1502
Cyprus
rickettsial diseases, (1957)
ticks, 2407
Czechoslovakia
mosquitoes, 1396
rickettsial diseases, 1955
strongyloidiasis, 1547
ticks, (1894), 3016
Denmark, malaria, 7
Finland
houseflies, 3013
rickettsial diseases, 2235
France
filariasis, 1559
helminthiasis, 2556
leishmaniasis, 699, 700, 979, 1243, 2458
leprosy, 1511, 1512
malaria, 2423
mosquitoes, (2165), 2983
parasitic diseases, 2804
renal disease, 1559
schistosomiasis, 316, 2016
toxoplasmosis, 597, 2126, 2127
Germany
helminthiasis, 308, 2013
hydatid disease, 2835
rickettsial diseases, 2236
toxocariasis, 1786
toxoplasmosis, 172, 2360
Greece
goitre, 883
malaria, 1687
rickettsial diseases, 2746
Hungary, cholera, 1725
Iceland, hydatid disease, 1062
Italy
amoebiasis, 1739
cholera, 1484, 1972, 2765
filariasis, 821, 1801
helminthiasis, 88, 1037
hydatid disease, 1066
malaria, 1222, 1686
mosquitoes, (1175)
mycetoma, 1855
parasitic diseases, 1296
toxoplasmosis, 867, 1125
Malta, leprosy, 1025
Netherlands
dengue, 271
malaria, 659
trichiniasis, (1088)
Poland
amoebiasis, 1274, 1281
coccidiosis, 1283
rabies, 56, 1257, 2485
taeniasis, 111, 1322
Rumania
amoebiasis, 77
malaria, 1915
mosquitoes, 1882
Spain
filariasis, 2580
hydatid disease, 113, 1064, 2567
myiasis, 890
sandflies, (2171)
Sweden
amoebiasis, 2267
anaemia, 1815
trichiniasis, 823
Switzerland
amoebiasis, 1023
anaemia, 845
hydatid disease, 552
rickettsial diseases, (991), 2237
Turkey
mosquitoes, (625)
mycetoma, 181
Union of Soviet Socialist Republics
ascariasis, 2049
cholera, 1015
giardiasis, 1505, 2780
hydatid disease, 1542
leishmaniasis, 484, 2460, 2741
malaria, 222
medicine, tropical, 433
mosquitoes, 1641, (1647), (1651), (2973), (2999)
opisthorchiasis, 333, 547
parasitology, (1632)
rickettsial diseases, 2474
sandflies, 640, 3006, 3007
ticks, (1406), 1666, 1667, 2671
toxoplasmosis, 861
United Kingdom
amoebiasis, 1740
anaemia, 587
fascioliasis, 1535
filariasis, (2070)
hydatid disease, 115
leishmaniasis, 482
leprosy, 1762
malaria, 942, 1913, 1914, 2420
mosquitoes, (905)
myiasis, 890,
nutrition, 2895
rickettsial diseases, 1956
toxocariasis, 804
trypanosomiasis, (2211)
Yugoslavia
haematology, 388
myiasis, (619)

ASIA

General
Diptera, 656
leishmaniasis, 1247
South East
dengue, 2754
leprosy, (1755)
xerophthalmia, 375, 2633

Afghanistan, sandflies, 1660, 2176
Arabia *see* **Kuwait; Qatar; Saudi Arabia; Yemen**
Bangladesh, health, 2679
  services, 935
Burma
  helminthiasis, 2805
  leprosy, 510, 739, 740
  malaria, 902, 1391
  mosquitoes, 626
Cambodia
  gnathostomiasis, 349
  plague, 276
China
  diphyllobothriasis, (549)
  plague, 208
Hong Kong, leprosy, 1031
India
  amoebiasis, 78, 505, 1749
  arthropods, 893
  cancer, 1907, 2415
  children, 1908
  cholera, 65, 1265, 1726, 1732, (2243)
  cysticercosis, 2566
  dengue, (996), 1474
  dermatoses, 877, 2629, 2947
  diphtheria, 2640
  dracontiasis, 2847
  filariasis, 128, 350, 562, 811, 812, 2851
  goitre, (1140), 2159
  haematology, 850
  health education, 1907
  heart disease, (1626), (1865), 2645
  hydatid disease, (116), 1778
  kwashiorkor, 1352, 2891
  leishmaniasis, 486, 487, 703, 1246
  leprosy, 516, 741, 1027–1030, 1293, 1510, 1517, 1999, 2521
  liver
    cirrhosis, 2156, (2157), (2968)
    disease, 2969
  malabsorption syndrome, 2597
  malaria, 445, (446), 950, 1429, 1431
  mites, 1464
  mosquitoes, 199, 1176, 1393, 1642, 1643, 2193, (2660)
  nutrition, 146, (368), 372, 375, (1344), 1807, (2083), (2086), 2090, 2098, (2584), 2878
  plague, 1483
  rabies, (711)
  rickettsial diseases, 1465
  rodents, (1724)
  tetanus, 2964
  toxoplasmosis, 2622
  trypanosomiasis, 2210
  tuberculosis, 2638
  venoms, 2619
Indonesia
  cysticercosis, 1059
  dengue, 2755
  enteric fevers, 1870
  filariasis, (815), 1689
  haematology, 1821
  malaria, 1689, 2686
  mosquitoes, 204
  nutrition, 375, (1573), 2633
  parasitic diseases, 89, 309, 1771
  xerophthalmia, 2633
Iran
  anaemia, 161
Iran—*cont.*
  ankylostomiasis, 806
  cholera, 1729
  dracontiasis, 124
  favism, 161
  haematology, 1594
  health services, 2186
  helminthiasis, 755, 1074, (1787), (2031)
  hydatid disease, 796
  leishmaniasis, 486, 703, 1246
  leprosy, 738
  malaria, 14, 196, (1916)
  mosquitoes, 2981
  nutrition, 139, 2084, 2877
  plague, 926, 1008
  rickettsial diseases, 1958
  trichiniasis, 824, 1089
  trypanosomiasis, 975
Iraq
  entomology, medical, (1905)
  favism, 162
  haematology, 843, 2611
  helminthiasis, (100)
  hydatid disease, (1065), 1325, (2048), 2568
  leishmaniasis, 1245, 1247, 1457
  malaria, (15), 2199
  nutrition, 1094, 1569
Israel
  cholera, (1485)
  haematology, (1592)
  malaria, 944
  mosquitoes, 2662
  nutrition, 140
  rickettsial diseases, (709), 2232
  ticks, (2181)
  venoms, 2613
Japan
  angiostrongyliasis, 1075, 2059, 2845
  filariasis, 439, (822)
  helminthiasis, 330, 334, 546, 1038, 2034, 2038, (2053), 2840
  leprosy, 2519, (2523)
  mosquitoes, (822), 917, 1180, 1659
  rickettsial diseases, 706, 2747, 2748
  schistosomiasis, 330, 439
  toxoplasmosis, 1607
Jordan, haematology, 843
Korea
  arthropod-borne diseases, 1155
  helminthiasis, (2039), (2060), (2830)
  mosquitoes, 1160, 2168
Kuwait, measles, 2376
Laos
  cancer, (1866)
  helminthiasis, 543, 2030
  medicine, 1411
  schistosomiasis, 2304
Lebanon
  anaemia, (846)
  ascariasis, 2316
  cancer, 884
  toxoplasmosis, 1845
Malaysia
  amoebiasis, 1087
  cancer, 2381, (2647)
  filariasis, 2322
  health, 1197
  helminthiasis, 789, 1329, 2308, 2582
  Hepatocystis spp., 1151

Malaysia—*cont.*
leprosy, 304
malaria, 229, 230, 1151, 2202, 2692
medical
auxiliaries, 213
education, (2680)
mosquitoes, 908
nutrition, 145
rickettsial diseases, 1252, 2749
schistosomiasis, 784, 2303
toxoplasmosis, 2362
trichuriasis, 1087
trypanosomiasis, 1151
tuberculosis, 2954
Mongolia, hydatid disease, 1063
Nepal
helminthiasis, 519
leprosy, 1033
Pakistan
amoebiasis, 2507
fleas, 2183
leprosy, 512
mosquitoes, 634
Qatar, dracontiasis, 2848
Saudi Arabia, *Bertiella studeri*, 2310
Singapore, housing and health, 431
Sri Lanka
cholera, 1727
filariasis, 2852
fluorosis, (1876), 2648
haematology, 2352
malaria, (663), 2200
toxoplasmosis, 2361
Taiwan
amoebiasis, 1499, 2263
haematology, (1366)
helminthiasis, 788, 1555, 2564
mosquitoes, 204, 921, (2394)
parasitic diseases, 90
rickettsial diseases, 2470
toxoplasmosis, 175, 868, 1846
tuberculosis, 2953
Thailand
anaemia, 386, 2600
beriberi, 1358
dengue, 270
diphyllobothriasis, 2037
family planning, 1906
malaria, 4, 5, 6, 452, 951, 1205, 2424, 2689
mosquitoes, 911, 1170
nutrition, 1349, 2881, 2892
parasitic diseases, 1056
rabies, 58
schistosomiasis, 2302
sprue, 1582
trypanosomiasis, 669
venoms, 1371
Turkey, nutrition, (373)
Vietnam
amoebiasis, 1987
angiostrongyliasis, 1790, 2058
dermatoses, 1133, 2631
malaria, 12, 451, 661, 1427, 1917, 2425
nutrition, 375, (1808), 2587
plague, 1480
rickettsial diseases, 52, 1954
sprue, 1359
tetanus, 184
tuberculosis, (880)
Yemen, helminthiasis, 2557

AFRICA (and Indian Ocean Islands)
General
anaemia, 2103
health, 216
heart disease, 2417
leprosy, 517
medical care, 434
nutrition, 1677, 2189
repellents, 637, 638
schistosomiasis, 530, 1047, 1048
strongyloidiasis, 1067
tinea capitis, 2138
Afars and Issas, Territory of
cholera, 718
malaria, 2967
Africa, East
anaemia, 381, (831), 832
measles, 2374
nutrition, 2876
scorpions, (857)
trypanosomiasis, 469, 478, 479
tuberculosis, 1382
xerophthalmia, 2374
Africa, West
filariasis, 568, 569
mosquitoes, 897, 898, 899
nutrition, 136, 1100
trypanosomiasis, 2218, 2219
whooping cough, 183
Algeria
cancer, 411
cholera, (282)
leishmaniasis, 2651
protozoa, 2651
trichophytosis, 1127
Angola
dengue, 1717
mosquitoes, (2658)
schistosomiasis, 2297
trypanosomiasis, 1708
yellow fever, 631, 1169, 1717
Botswana
parasitic diseases, 405
yaws, 509
Burundi, lice, 928
Cameroun
anaemia, 149
blackflies, 1663
filariasis, 359, 572, 2860
helminthiasis, 772
immunization, 1670
mosquitoes, (2989)
smallpox, 1627
yellow fever, 2479
Central African Republic
leprosy, 1026
parasitic diseases, 1519
schistosomiasis, 2284
Chad
filariasis, 358
schistosomiasis, 763
Comores Islands
filariasis, 809, 810
mosquitoes, 2984
Congo
sandflies, 2175, (3008)
trypanosomiasis, 1450

Dahomey
cholera, 283
sandflies, 1399
Egypt
amoebiasis, 291
eye conditions, 863
filariasis, 125
helminthiasis, 341, 559
hydatid disease, 114, 559, 2046
nutrition, (840), 1104, (2592)
sandflies, 639
schistosomiasis, 91, 92, 95, 528, 760, 2281, 2289, 2290, 2810
sprue, 2897
toxocariasis, 559
toxoplasmosis, 863, 864, 869, 870
Ethiopia
children, (933)
elephantiasis, 186, 408, 1387, 1874
filariasis, 128, 567, 1387, 2850
geography, medical, 1413
kwashiorkor, 2089
leishmaniasis, 485, 701, 1712, 2738
leprosy, 300, 301, 1291, (1292)
malaria, (948)
meningitis, 404
mosquitoes, 2161
nutrition, 1098, 1354, (1810), (1812)
relapsing fever, 1506, 1509, 2271, 2783
renal disease, 1042, 2280
rickettsial diseases, 2783
smallpox, 2143
ticks, 2180
trypanosomiasis, (456)
Gabon
kwashiorkor, 835
malaria, 2967
Gambia
malaria, 946, 947, 2204
mosquitoes, 419, 896, 2388
trachoma, 1860
Ghana
anaemia, 150, 155, (586)
balantidiasis, 2782
dracontiasis, 2578
eye conditions, 2634
filariasis, 570
gastroenteritis, 1869
glaucoma, 570
jaundice, 1256
nutrition, (580)
toxoplasmosis, 862, 2634
yellow fever, 1256
Guinea
histoplasmosis, 2627
sandflies, 2174
Ivory Coast
cholera, 63
malaria, 668
nutrition, (2087)
rabies, 997
trypanosomiasis, 971
Kenya
cancer, 187, 188
cholera, 1974
haematology, 1365
helminthiasis, 2293
leishmaniasis, 702, 1713
leprosy, 296
Kenya—*cont.*
mycoses, 1128
nutrition, 187
poliomyelitis, 1871
renal disease, 2154
sandflies, 1713
schistosomiasis, 323
tetanus, 2642
ticks, (211)
trypanosomiasis, 689, 2451
Liberia
blackflies, 573, 1402
filariasis, 573, 808
helminthiasis, 762
kwashiorkor, 838
malaria, 1
mosquitoes, 808
schistosomiasis, 2818
Libya, malaria, 1688
Madagascar
filariasis, 810
haematology, 1589
mosquitoes, 1164, (1182)
plague, 2760
schistosomiasis, 1046, 1301
Malawi
histoplasmosis, 2946
tuberculosis, 1618
Mali
anaemia, (1367)
helminthiasis, 1521
hydatid disease, 1043
leishmaniasis, 2456
leprosy, (1292), 2002
smallpox, 403
Mauritius
malaria, 13
mosquitoes, (1173)
Morocco
capillariasis, 132
mosquitoes, 2655
sandflies, 2173
toxoplasmosis, 598
Mozambique
amoebiasis, 1020
cancer, 2380
malaria, 228
Niger, histoplasmosis, 1377
Nigeria
anaemia, 2105
cancer, 616
children, (2081)
cholera, 215, 719
dermatoses, 185, 1377
health education, 215
heart disease, 1864,
helminthiasis, 548, 1057, 1076, 2829
immunization, 1671
kwashiorkor, 1814
malaria, 22, 232, 450
measles, 881
mosquitoes, 900, 1644
neuropathy, 1624
nutrition, (833), 1814
renal disease, 185
toxoplasmosis, 2621
trypanosomiasis, 687, 1444
tuberculosis, 1622, 2637
yellow fever, 1469, 2239

Rhodesia
cancer, 1867
diabetes, 1139, 2956
filariasis, 1336
helminthiasis, 344, 345, 773, 1770, 2318, 2582, 2872
nutrition, 137
schistosomiasis, 314, 530, 771
toxoplasmosis, 1602
trypanosomiasis, 2721–2723
tuberculosis, 1138
Rwanda
mycetoma, 2949
rickettsial diseases, 497
Senegal
anaemia, 2104
ankylostomiasis, 1551
cancer, 615
cholera, 1973
dermatoses, 1854, (2139), 2949
diptheria, 1628
haematology, 2913
health, (2678)
leprosy, 1034
malaria, 1209
mosquitoes, (1174)
schistosomiasis, 2014, 2279, 2282
tuberculosis, 1620
yaws, 2516, 2517
yellow fever, 1468, 2240
South Africa
amoebiasis, 70, 289, 1275, (1986)
cancer, 93
heart disease, 2149
hydatid disease, 338
malaria, 2196–2198, 2690
measles, 2377
mycetoma, 1611
nutrition, 135, (581), (1343)
plague, 1004
Pneumocystis pneumonia, 2657
schistosomiasis, 93
tetanus, 882
ticks, (1405)
toxoplasmosis, 871
trichuriasis, 2327
tuberculosis, 1137, 1621
yaws, 737
South West Africa, nutrition, 1346
Sudan
cancer, 2958
filariasis, 1794, 1797
helminthiasis, 2819
leishmaniasis, 1714, 2455
mycetoma, 1375
nutrition, 1815
schistosomiasis, 758, 759
smallpox, 2144
Tanzania
cancer, 613, 886
children, (650), (2187)
diphtheria, 2639
fascioliasis, 1534
filariasis, 1078, 1563
health services, 1409
mosquitoes, 630, 1078, 1563, 1886
nutrition, 370, 1348 (2080)
rabies, 57
schistosomiasis, 770, 1045
Tanzania—*cont.*
smallpox, 611
trypanosomiasis, 467, 468, 1707
tsetse flies, 469, 694
tuberculosis, 611, 879, 2146
Togo
cholera, 284
filariasis, 1085
malaria, 1
mosquitoes, 1399
Tunisia
cholera, 2768
leishmaniasis, 981, 1459
leprosy, 1513
nutrition, 2875
schistosomiasis, 1522
Uganda
amoebiasis, 504
anaemia, 182, 839
cancer, 1145, 1385, 1386, 1417, 2150, 2151
children, 649
Diptera, (2404)
filariasis, 566
haematology, 2601
heart disease, 1143, 1144, 2148
helminthiasis, 522, 523, 1781, 2023, 2839
malaria, 448
mosquitoes, 627, 1390
nutrition, 839, 1677, 2583, 2595, 2596
siderosis, 2155
splenomegaly, 407, 1146
tetanus, 1872
trypanosomiasis, 264, 683
tuberculosis, 1619
ulcers, Buruli, 406, 887, 888
yaws, 2955
Upper Volta
filariasis, (807)
malaria, 2426
measles, 1381
mosquitoes, 899, 2163, 3023
tsetse flies, 1235, 1448, 2222
Zaïre
anaemia, 2604
blastomycosis, 177
filariasis, 1793, 2863
helminthiasis, 131, 787
leprosy, 2522
schistosomiasis, 761
trypanosomiasis, 1709
ulcers, Buruli, 2966
Zambia
blastomycosis, 1613
leishmaniasis, 267
leprosy, 511
measles, 2378
mosquitoes, 195
nutrition, 371, (377), 2885, 2886
schistosomiasis, 764, 2806
toxoplasmosis, 2134
trypanosomiasis, 2449

AMERICA, NORTH

General
nutrition, 134
rabies, (1969)
sandflies, 1911
yellow fever, (1471)

Canada
amoebiasis, 730, 1039
blackflies, 1401, 2403
filariasis, 1334
haematology, (157)
health, 2677
helminthiasis, 112, 825, 1039, 1537, 1554, 1783, 2831
hydatid disease, 2837
medicine, tropical, 2677
mosquitoes, (1157), 1394
nutrition, (2099)
schistosomiasis, 1334
toxoplasmosis, 1603–1605
Mexico
amoebiasis, 731
coccidioidomycosis, 179
goitre, (1141)
health, (2952)
mosquitoes, (2974)
nutrition, 1001, 2331, 2879
rabies, 1968
trypanosomiasis, 459
venoms, (1837)
United States of America
amoebiasis, 76, 2513
anaemia, 154, 589, 844, 1584, 1826, 1831, 2343
ascariasis, 1069, 2569
cancer, (617)
children, 100, 932, 2185
dermatoses, (1130), 1378, 2140, 2626
filariasis, 1561, 1800, 2323, (2324)
haematology, 1585, 2344, 2899
helminthiasis, 109, 362, 579, 791, 801, 1549, 1553, 1566, 2569
hydatid disease, (553), 799, 1545, 2836
insecticides, (3004)
leishmaniasis, 705
leprosy, 2520
malaria, 231, 444, 943, 1228, 2421, 2422
mosquitoes, 201, (418), (1158), 1184, 1185, (1639), 1648, 1652, 1658, 1889, 1890, (1903), (2661), 2977, 2979, 2980, 2982, 3002
myiasis, 618, (2160)
nutrition, (1102), (1103) (1141), 1347, (1806), 2332, 2884
plague, 1005, (1722), 2241, 2491, 2761, 2762
Pneumocystis pneumonia, 194, (1152)
rabies, 59, 1258, 2484
relapsing fever, 295
rickettsial diseases, 52, 708, 987–989, 1251, 1253, 1254, 1466
schistosomiasis, 1299
spiders, 2924
ticks, (643), (1192)
toxoplasmosis, 1608
trachoma, 2375
trypanosomiasis, 263, 1701
tularaemia, 1466
ulcers, Buruli, 2644

AMERICA, CENTRAL

General
cysticercosis, 1540
health research, (1412)
leishmaniasis, 704, 1946
malaria, 225
measles, 2963
nutrition, 134
General—*cont.*
rabies, (1969)
sandflies, 1911
yellow fever, (1471)
Costa Rica
blackflies, (1189)
bugs, 41
helminthiasis, 1040
snakes, (2918), (2919)
toxoplasmosis, 396
trypanosomiasis, 41
El Salvador
malaria, 223, 224
mosquitoes, 901
Guatemala
medical auxiliaries, 1196
nutrition, 2589
Nicaragua, mosquitoes, 632
Panama
filariasis, 2708
leishmaniasis, 488, 489, 704, 1461
malaria, (962), 1430
sandflies, 3010
trypanosomiasis, 672, 2708
yellow fever, 1255

WEST INDIES

Cuba
anaemia, (2909)
haematology, 2900, (2901)
helminthiasis, (1321), (1330)
Curaçao, dengue, 271
Dominican Republic, fascioliasis, 331
Grand Cayman, mosquitoes, 2166, 2399
Haiti
malaria, 658
tetanus, 2641, 2965
Jamaica
haematology, (160), 2341
malabsorption, 2330
nutrition, 365, 1350, 2889
Puerto Rico
amoebiasis, 520
dengue, 1962
haematology, 963
helminthiasis, 520, 1300
nutrition, (2880)
sprue, 379, 584
St Lucia
helminthiasis, 537, 774, 775, 2027, 2418
schistosomiasis, 322, 1311, 2026
yaws, 1024

AMERICA, SOUTH

General
leishmaniasis, 704, 1946
mosquitoes, 629
nutrition, 134
rabies, (1969)
sandflies, 1911
yellow fever, (1471)
Argentina
hydatid disease, 336
trypanosomiasis, 1226, 2212
Bolivia
cysticercosis, 1323
haemorrhagic exanthem, 1384
leishmaniasis, 983
rabies, 62

Bolivia—*cont.*
sandflies, (3009)
trypanosomiasis, 965, 1228
Brazil
amoebiasis, 736, (1277), (1297), 2264
bugs, 42, 247, 1230, 1231, 2712
children, 834
coccidiosis, 508, 1284
dermatoses, 178, 603, 1129, 1132, 1134, 1857, 2628, 2941, 2943, 2944, 2950
filariasis, 1084, 1798
geography, medical, 218
haemorrhagic syndrome, 1383
health, 1672
helminthiasis, 121, 521, 536, 558, 701, 1041, 1297, 1316, 1318, 1328, 2297, 2314, 2571, 2572, 2866
leishmaniasis, 483, 490, 704, 1249, 1946, 2457, 2739
leprosy, (1035)
malaria, 234, 235, 1425
mosquitoes, 1161, (1398), 1887, (2386)
nutrition, 834, 1097, (1811), 2333, 2334
plague, 1970
renal disease, 2808
schistosomiasis, 101, (507), 1044, 1309, 1310, 2025, 2291, 2292, 2539, 2807, 2809, 2812
toxoplasmosis, 599, 2133, (2623), 2929
trypanosomiasis, 460, (964), 1225, 1227, 2214, 2707, 2718
Chile
amoebiasis, 310, 311, 1280
helminthiasis, 310–312, 342, 577, 2869
hydatid disease, 1326, 2832
nutrition, 367
parasitic diseases, 623
trypanosomiasis, 457
Colombia
anaemia, 2914
dengue, 995
heart disease, 2715
leprosy, 2529
malaria, 2427
mosquitoes, 995
paracoccidioidomycosis, 1379
toxoplasmosis, 596, 1606
trypanosomiasis, 1710, 2715
Ecuador, helminthiasis, (1319)
French Guiana
leprosy, 1514
malaria, 2691
Guyana, malaria, (455)
Paraguay
nutrition, 432
rhinosporidiosis, 2373
yellow fever, 1470
Peru
fascioliasis, 1053
leishmaniasis, 2742
nutrition, 1095, 1577, 2888, 2893
paragonimiasis, 2563
trypanosomiasis, 2216, 2217
yellow fever, 993
Surinam
helminthiasis, 765
mosquitoes, 2972
pyomyositis, tropical, 2971
Uruguay
taeniasis, 2313
Uruguay—*cont.*
trypanosomiasis, 250
Venezuela
cysticercosis, (1061)
leishmaniasis, 491
paracoccidioidomycosis, 876
venoms, 164, 2923

AUSTRALASIA

Australia
anaemia, 592, (1116), (2910)
capillariasis, 361
cholera, 2766
haematology, 158
health, 1414
hydatid disease, 1543
malaria, 435, 660, 2201
myiasis, (1631)
neuropathy, 409
nutrition, (1570), 1571, 2097
Pneumocystis pneumonia, 2652
rodents, (2654)
toxoplasmosis, 866, 2135, 2624, (2935)
trichuriasis, 1086
venoms, 393
New Zealand, amoebiasis, 294

PACIFIC ISLANDS

General
filariasis, 1077
medical research, (1912)
mosquitoes, (2385)
Caroline Islands, leprosy, 1036
Fiji
dengue, 2753
filariasis, 560
nutrition, 2588
Hawaii, toxoplasmosis, 2931
New Caledonia
dengue, 1473
plants, medicinal, (217)
Niue Island, dengue, 2480
Palau Islands, health, 428
Papua New Guinea
amoebiasis, 290
anaemia, 1360
ankylostomiasis, 2843
cretinism, 2957
haematology, 2598
health, 1202
kuru, 410
nutrition, 369
parasitic disease, 2649
splenomegaly, 2153
toxoplasmosis, 1606
trypanosomiasis, 1456
yaws, 1751
Philippines
anaemia, 1818
cholera, 2500
eosinophilia, (1630)
filariasis, 813, 814, (1557)
helminthiasis, 790, 1776
malaria, 945
mosquitoes, 813
parasitic diseases, 1769
rickettsial diseases, 707
schistosomiasis, 2543
toxoplasmosis, 1850

Polynesia, French
dengue, 1472
filariasis, 351, 2061

Solomon Islands
malaria, 949
mosquitoes, 1883
Western Samoa, filariasis, 560

Numbers refer to abstracts and *not* to pages (unless otherwise shown).

Printed by Dawson & Goodall Ltd. The Mendip Press, Bath